

SOLVED

X	O	O
O	X	X
X	X	O

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The History and Strategy of Tic-Tac-Toe

The game of *Tic-Tac-Toe*, also known as *naughts and crosses* or *Xs and Os*, has been a popular children's game since at least ancient Egypt where examples of game boards have been found as early as 1300 B.C. Given the simplicity of the rules and ease of play, it is reasonable to assume that this is one of the earliest "board games" invented.

The rules of the game are simple:

A board consists of a 3x3 grid. Two players, Player X and Player O, take turns drawing their symbol into an empty space in the grid. The first player to achieve "three in a row" is a winner.

x	o	
	x	o
o	x	x

1. Player X goes first, and play alternates between players
2. The current player puts their symbol (X or O) into a blank space in the grid
3. The first player to achieve three in a row (any row, any column, or either diagonal) of their symbol is the winner

Tic-Tac-Toe has been formally "Solved" which, in this case, means that a computer has been used to play every possible game to demonstrate that, with perfect players, the game will always end in a Tie. This was memorably demonstrated in the 1983 science-fiction film WarGames in which Tic-Tac-Toe is compared to Nuclear War: "A strange game. The only winning move is not to play. How about a nice game of chess?" As of the time of publication, the game of Chess has not been solved.

A general strategy, one that doesn't require memorizing every possible move, for Tic-Tac-Toe was formalized by Newell and Simon in 1972 and implemented by them as one of the earliest computer "games" in 1973. A player should choose the first available move from the list, paraphrased here:

1. If you can Win, make the winning move.
2. If the opposing player is about to Win, block their move.
3. Fork the game, by filling a single space that creates *two* rows, columns, or diagonals in which you have two in a row. The opposing player will be unable to block both potential winning moves on their next turn.
4. Block an opponent's fork: If there are two intersecting rows, columns, or diagonals, in which the opponent has *one* piece with two blank spaces: take the intersecting space to prevent your opponent from taking it on their next turn.
5. Play in the center.
6. If the opposing player just played a corner, and the opposite corner is available, play in the opposite corner.
7. Play in any empty corner.
8. Play in an empty middle square on any of the four sides.

Kevin Crowley, Robert S. Siegler (1993). "Flexible Strategy Use in Young Children's Tic-Tac-Toe". *Cognitive Science*. 17 (4): 531–561.

How to use this book

This book includes every possible move in a game of Tic-Tac-Toe starting with the "X" player, as is traditional. There are nine sections (as only nine total moves are possible in each game) alternating between X and O. Within each section, every unique board configuration is presented on a page. Only unique board configurations are included.

There are up to 362,880 possible board configurations in Tic-Tac-Toe, not accounting for early wins or losses which end the game before nine moves can be played. This can be understood by noting that the first player has nine possible moves, the second player has eight, the third seven, and so on:

$$9! = 9 \times 8 \times 7 \times 6 \times 5 \times 4 \times 3 \times 2 \times 1 = 362,880.$$

Of these 362,880 possible configurations there are 26,830 possible boards that can be obtained by following the rules of the game. And of the 26,830 boards there are 765 essentially unique configurations.

On each page...

The first line of the page is the unique "code" for a board configuration.

The second section consists of every possible rotation and flip of the configuration. For each possible configuration of the board there are up to twelve unique rotations, though in practice there are usually far fewer *unique* boards. The unique code for the rotated board is printed below the graphic.

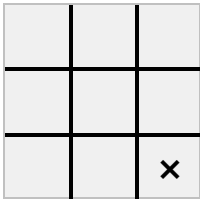
The third and last section shows the possible next moves. The move itself is highlighted in **Gray**, except that forced Ties are highlighted in **Blue**; Wins for X are highlighted in **Green**, and Wins for O are highlighted in **Red**.

Finally, the recommended best strategy is printed below the possible next moves. Of course no strategy can guarantee a Win if both players play perfectly.

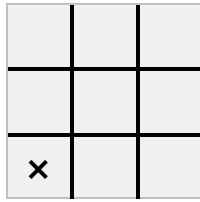
The diagram shows a sequence of Tic-Tac-Toe board configurations. At the top, a 3x3 grid is shown with a unique code '000000000' above it. Below this are two rows of four 3x3 grids each, each with a unique code below it. The first row of grids has codes: 000000000, 000000000, 000000000, 000000000. The second row of grids has codes: 000000000, 000000000, 000000000, 000000000. Below these is the text 'X plays next'. Underneath is another 3x3 grid with a unique code '000000000' below it. The grid shows a board with 'X' in (1,1), (1,2), (2,1), (2,2), (3,1) and 'O' in (1,3), (2,3), (3,2). The cell (1,2) is highlighted in gray. Below the grid is the text 'Strategy #1: Win'.

Round 1: X plays

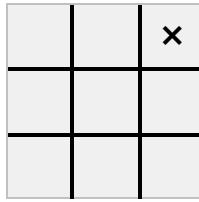
BBB-BBB-BBX



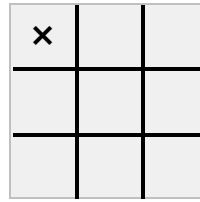
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BBB-BBB-XBB

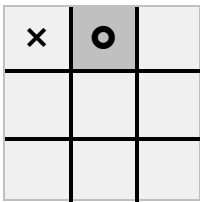


BBX-BBB-BBB

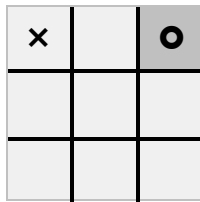


XBB-BBB-BBB

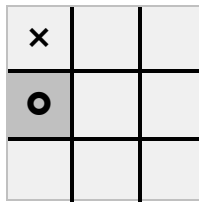
O plays next



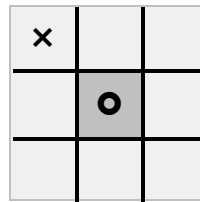
XOB-BBB-BBB



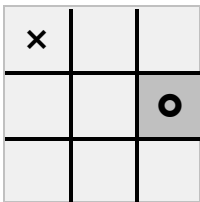
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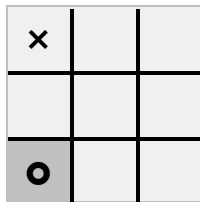
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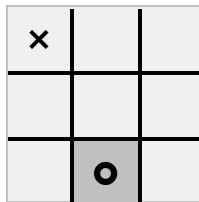
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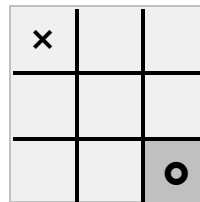
XBB-**B**BO-BBB



XBB-BBB-**O**BB



XBB-BBB-**BO**B

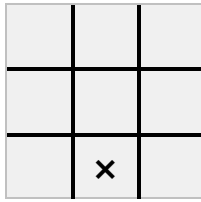


XBB-BBB-**BBO**

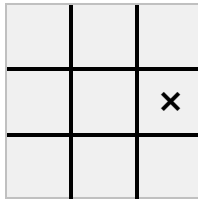
Strategy #5: Play in the center



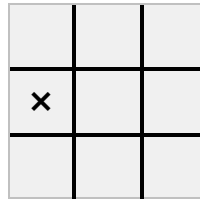
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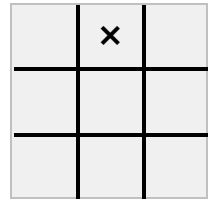
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BBB-BBX-BBB

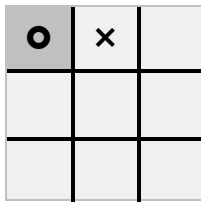


BBB-XBB-BBB

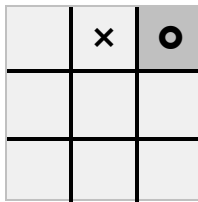


BXB-BBB-BBB

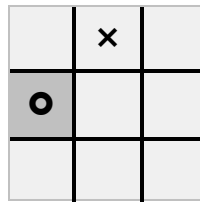
O plays next



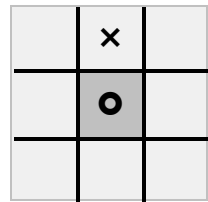
OXB-BBB-BBB



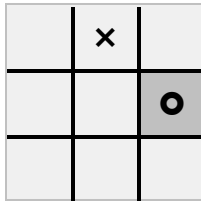
BXO-BBB-BBB



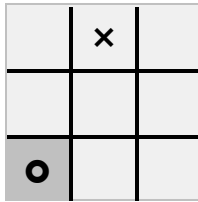
BXB-OBB-BBB



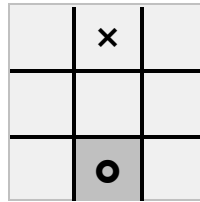
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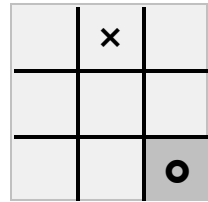
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BXB-BBB-OBB



BXB-BBB-BOB

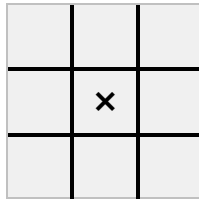


BXB-BBB-BBO

Strategy #5: Play in the center

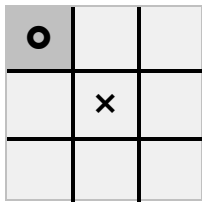


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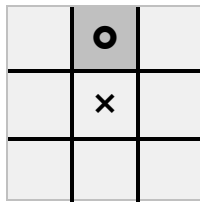


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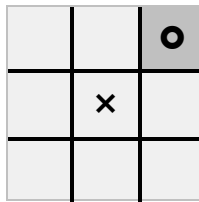
O plays next



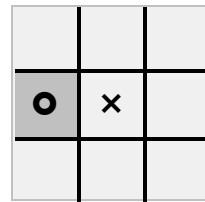
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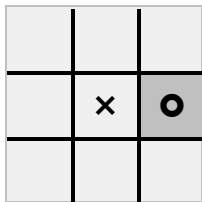
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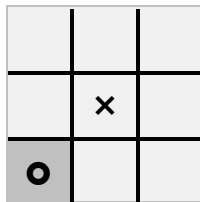
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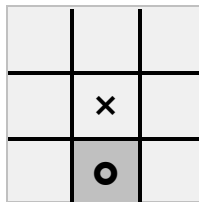
BBB-OXB-BBB



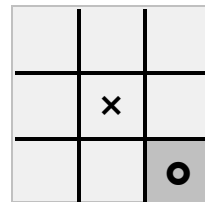
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BBB-BXB-OBB



BBB-BXB-BOB



BBB-BXB-BBO

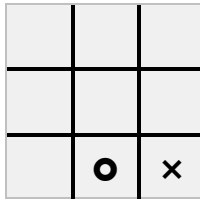
Strategy #7: Play in any empty corner



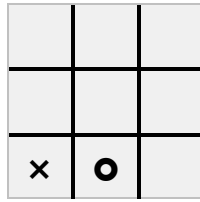
Round 2: O plays

x x

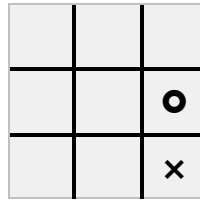
o



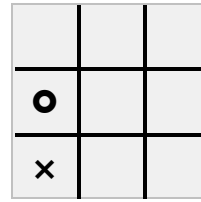
BBB-BBB-BOX



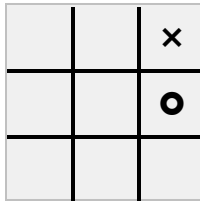
BBB-BBB-XOB



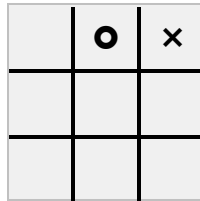
BBB-BBO-BBX



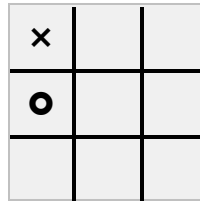
BBB-OBB-XBB



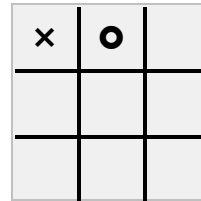
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BOX-BBB-BBB

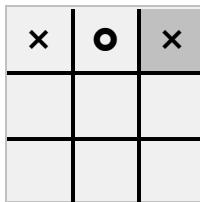


XBB-OBB-BBB

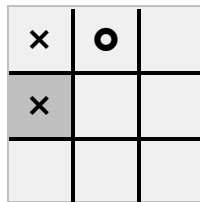


XOB-BBB-BBB

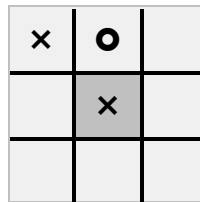
X plays next



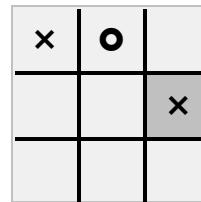
XOX-BBB-BBB



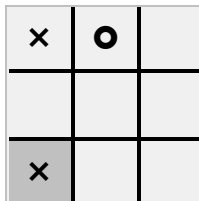
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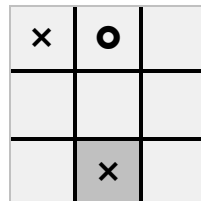
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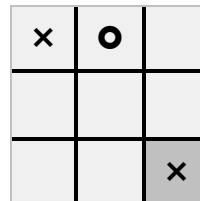
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XOB-BBB-XBB



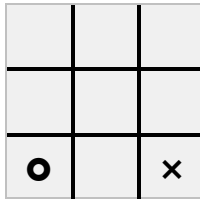
XOB-BBB-BXB



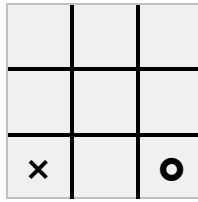
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Strategy #5: Play in the center

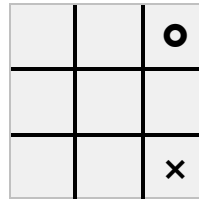




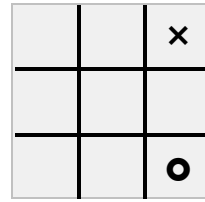
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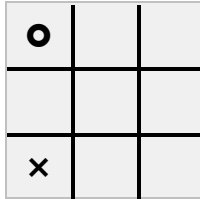
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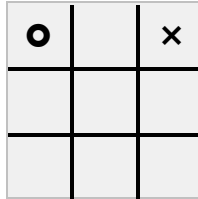
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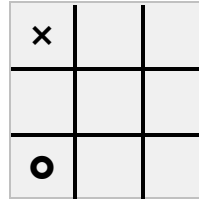
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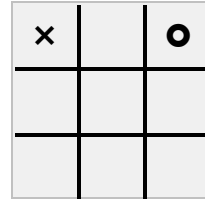
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OBX-BBB-BBB

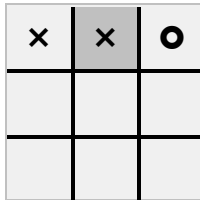


XBB-BBB-OBX

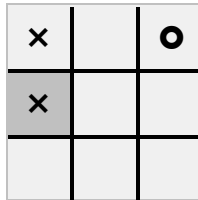


XBO-BBB-BBB

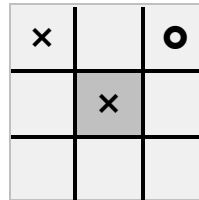
X plays next



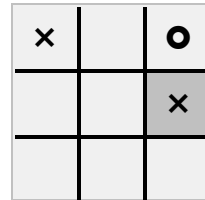
XXO-BBB-BBB



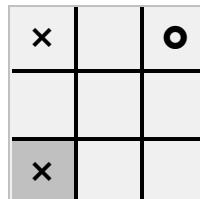
XBO-XBB-BBB



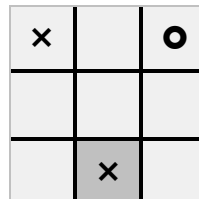
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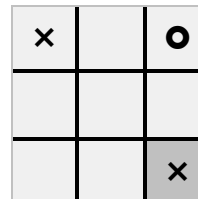
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XBO-BBB-XBB



XBO-BBB-BXB

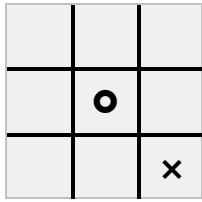


XBO-BBB-BBX

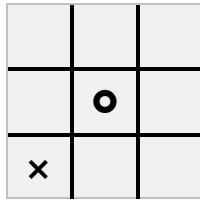
Strategy #5: Play in the center



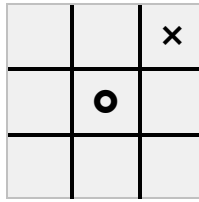
BBB-BOB-BBX



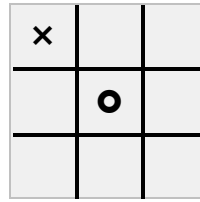
BBB-BOB-BBX



BBB-BOB-XBB

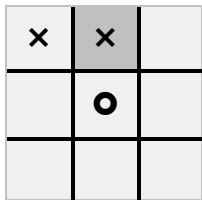


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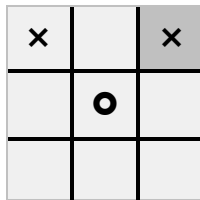


XBB-BOB-BBB

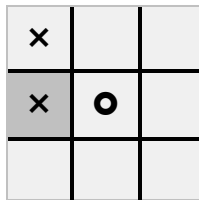
X plays next



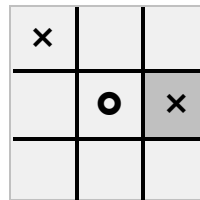
XXB-BOB-BBB



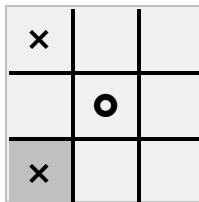
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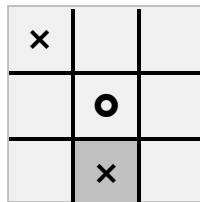
XBB-XOB-BBB



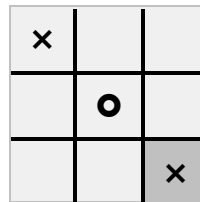
XBB-BOX-BBB



XBB-BOB-XBB



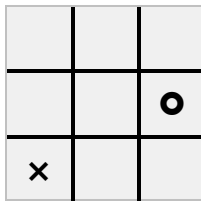
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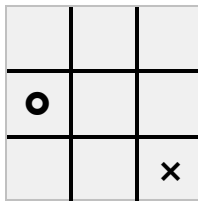
XBB-BOB-BBX

Strategy #7: Play in any empty corner

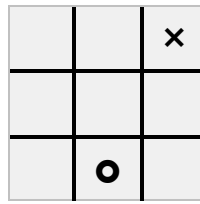




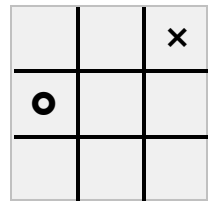
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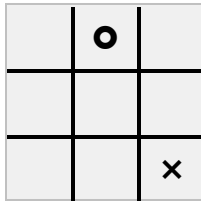
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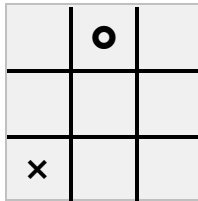
BBX-BBB-BOB



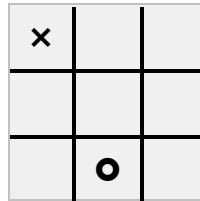
BBX-OBB-BBB



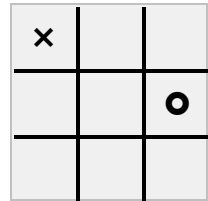
BOB-BBB-BBX



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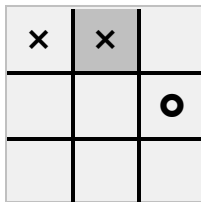


XBB-BBB-BOB

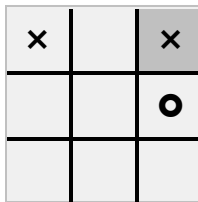


XBB-BBO-BBB

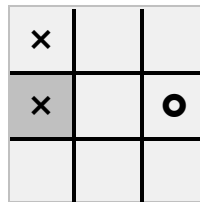
X plays next



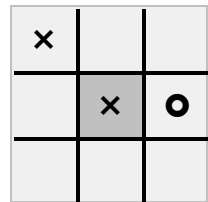
XXB-BBO-BBB



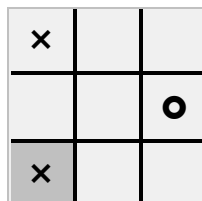
XXB-BBO-BBB



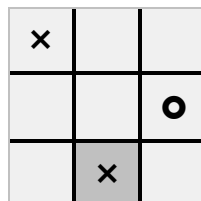
XBB-XBO-BBB



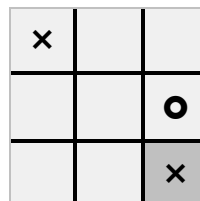
XBB-BXO-BBB



XBB-BBO-XBB



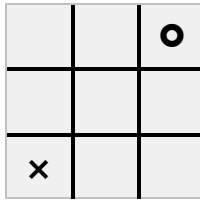
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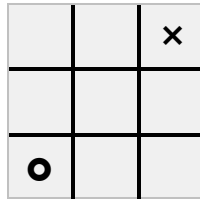
XBB-BBO-BBX

Strategy #5: Play in the center

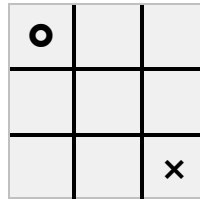




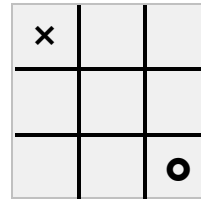
BBO-BBB-XBB



BBX-BBB-OB

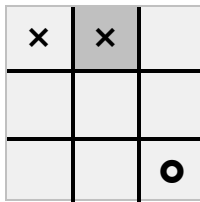


OBB-BBB-BBX

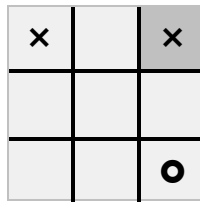


XBB-BBB-BBO

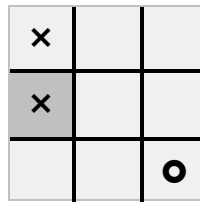
X plays next



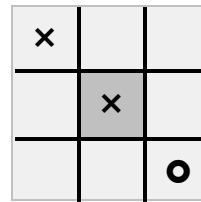
XXB-BBB-BBO



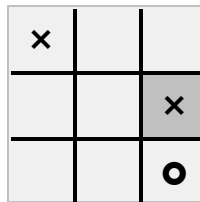
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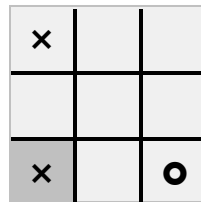
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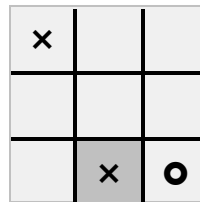
XBB-BXB-BBO



XBB-BBX-BBO



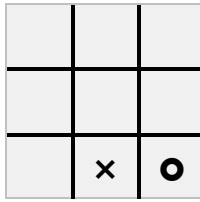
XBB-BBB-XBO



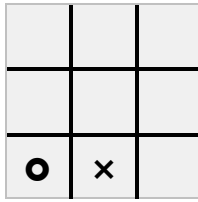
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Strategy #5: Play in the center

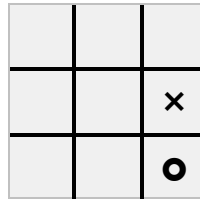




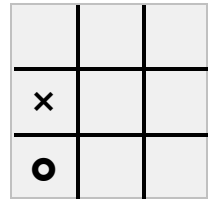
BBB-BBB-BXO



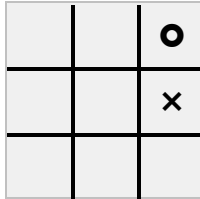
BBB-BBB-OXB



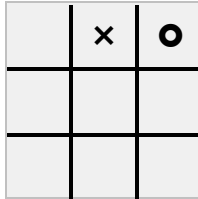
BBB-BBX-BBO



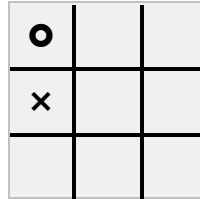
BBB-XBB-OB



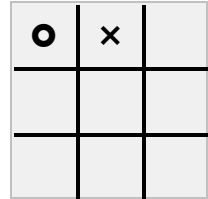
BBO-BBX-BBB



BXO-BBB-BBB

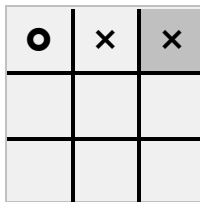


OBB-XBB-BBB

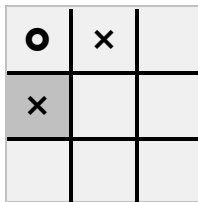


OXB-BBB-BBB

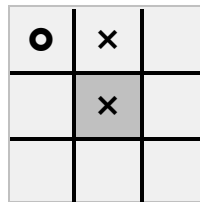
X plays next



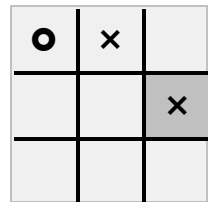
OXX-BBB-BBB



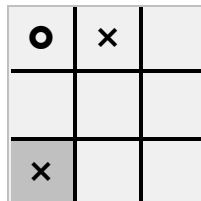
OXB-XBB-BBB



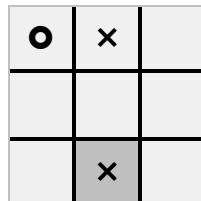
OXB-BXB-BBB



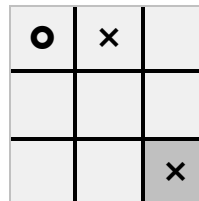
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OXB-BBB-XBB



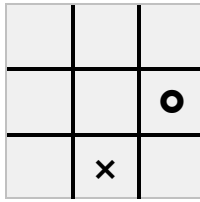
OXB-BBB-BXB



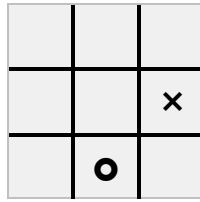
OXB-BBB-BBX

Strategy #5: Play in the center

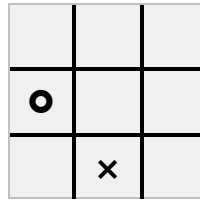




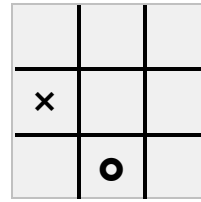
BBB-BBO-BXB



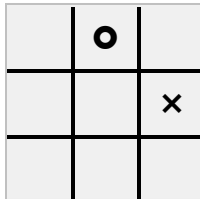
BBB-BBX-BOB



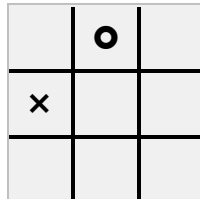
BBB-OBX-BXB



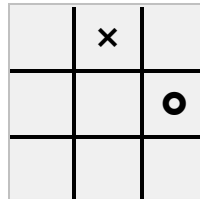
BBB-XBB-BOB



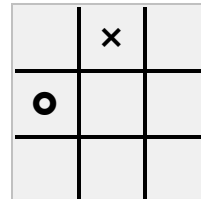
BOB-BBX-BBB



BOB-XBB-BBB

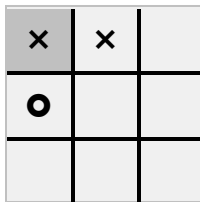


BXB-BBO-BBB

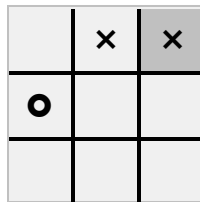


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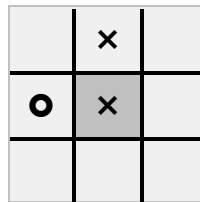
X plays next



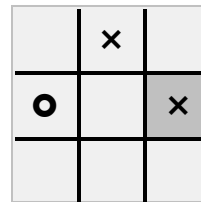
XXB-OBX-BBB



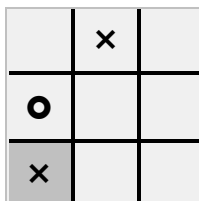
BXX-OBX-BBB



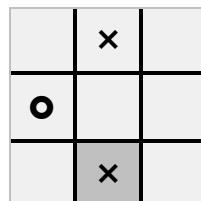
BXB-OBX-BBB



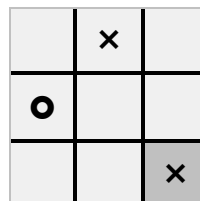
BXB-OBX-BBB



BXB-OBX-BXB

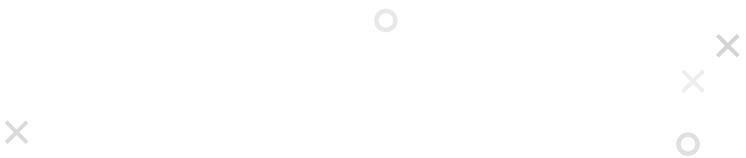


BXB-OBX-BXB

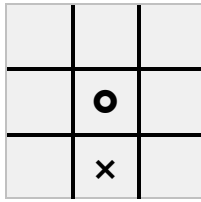


BXB-OBX-BXB

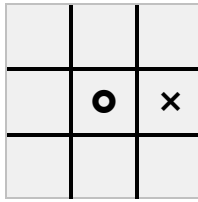
Strategy #5: Play in the center



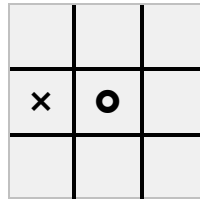
BBB-BOB-BXB



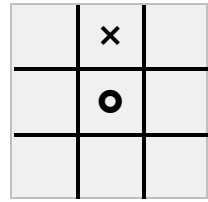
BBB-BOB-BXB



BBB-BOX-BBB

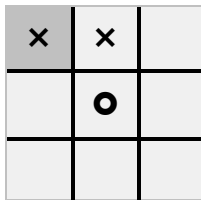


BBB-XOB-BBB

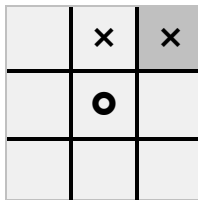


BXB-BOB-BBB

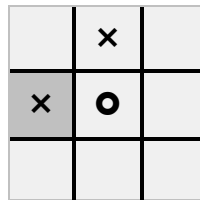
X plays next



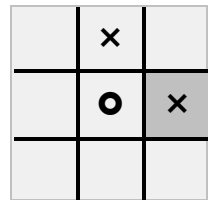
XXB-BOB-BBB



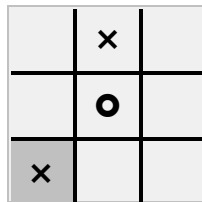
BXX-BOB-BBB



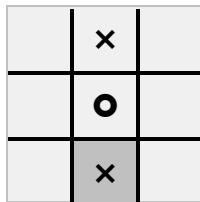
BXB-XOB-BBB



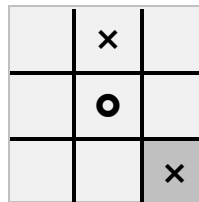
BXB-BOX-BBB



BXB-BOB-XBB

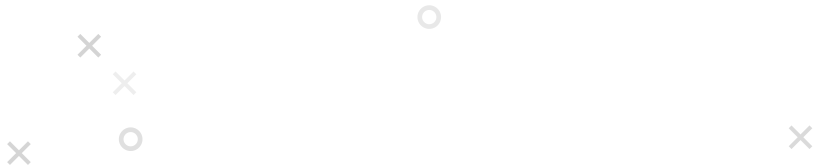


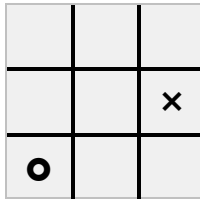
BXB-BOB-BXB



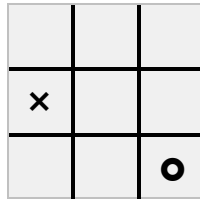
BXB-BOB-BBX

Strategy #7: Play in any empty corner

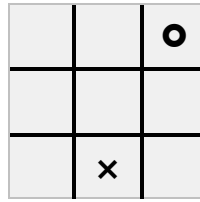




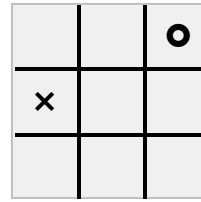
BBB-BBX-OBB



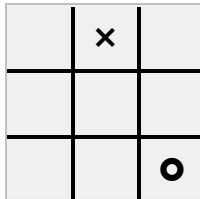
BBB-XBB-BBO



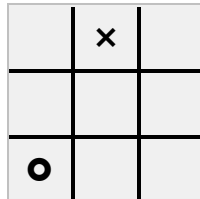
BBO-BBB-BXB



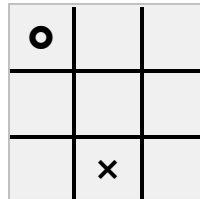
BBO-XBB-BBB



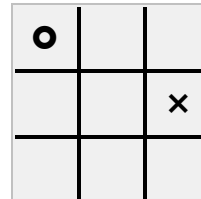
BXB-BBB-BBO



BXB-BBB-OBB

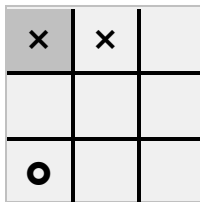


OBB-BBB-BXB

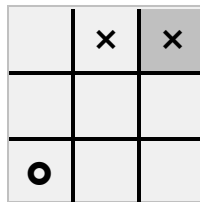


OBB-BBX-BBB

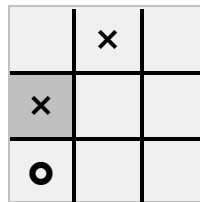
X plays next



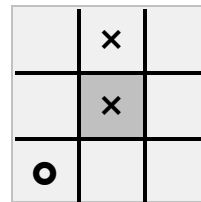
XXB-BBB-OBB



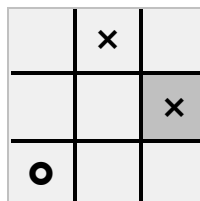
BXX-BBB-OBB



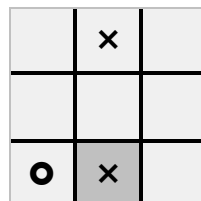
BXB-XBB-OBB



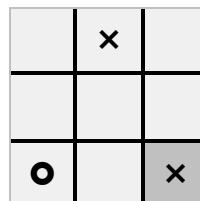
BXB-BXB-OBB



BXB-BBX-OBB

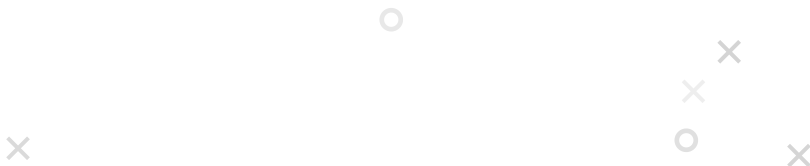


BXB-BBB-OXB

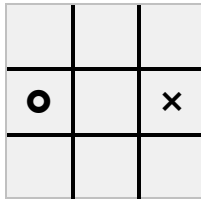


BXB-BBB-OBX

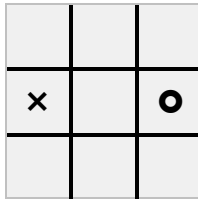
Strategy #5: Play in the center



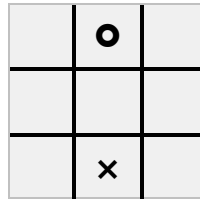
BBB-OBX-BBB



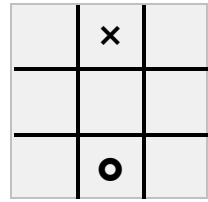
BBB-OBX-BBB



BBB-XBO-BBB

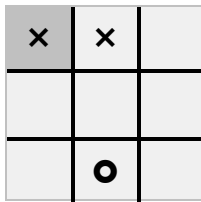


BOB-BBB-BXB

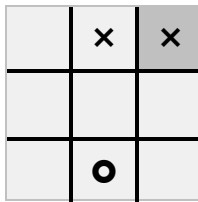


BXB-BBB-BOB

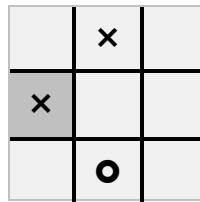
X plays next



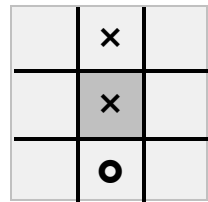
XXB-BBB-BOB



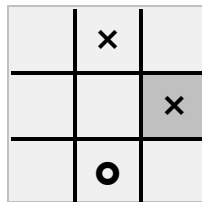
BXX-BBB-BOB



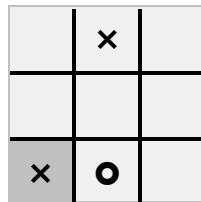
BXB-XBB-BOB



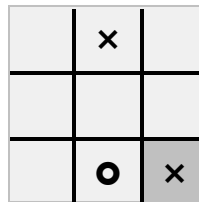
BXB-BXB-BOB



BXB-BBX-BOB

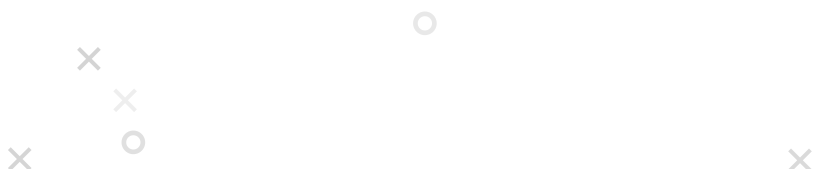


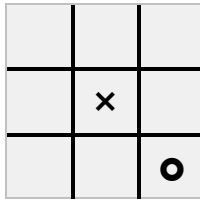
BXB-BBB-XOB



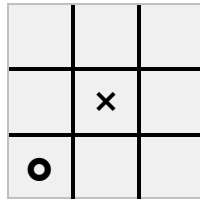
BXB-BBB-BOX

Strategy #5: Play in the center

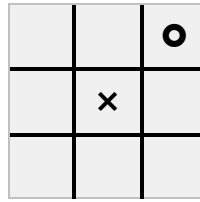




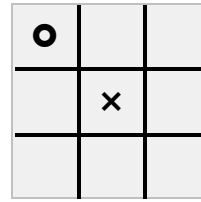
BBB-BXB-BBO



BBB-BXB-OBB

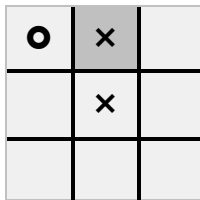


BBO-BXB-BBB

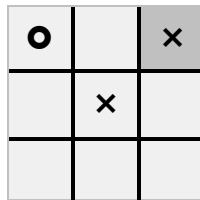


OBB-BXB-BBB

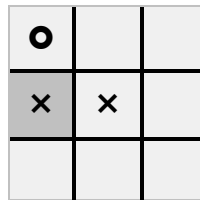
X plays next



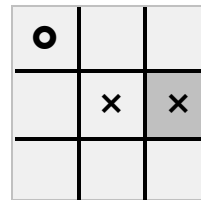
OXB-BXB-BBB



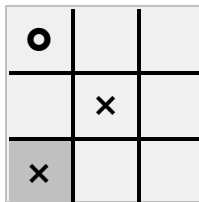
OBX-BXB-BBB



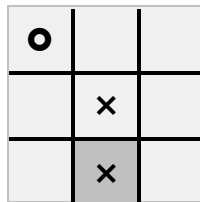
OBB-XXB-BBB



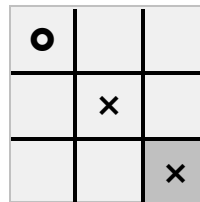
OBB-BXX-BBB



OBB-BXB-XBB



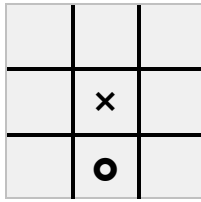
OBB-BXB-BXB



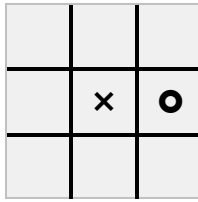
OBB-BXB-BBX

Strategy #6: If the opposing player just played a corner, and the opposite corner is available, play in the opposite corner

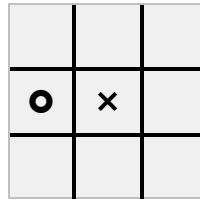




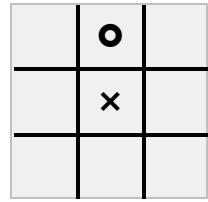
BBB-BXB-BOB



BBB-BXO-BBB

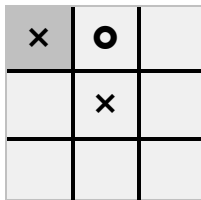


BBB-OXB-BBB

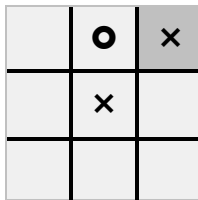


BOB-BXB-BBB

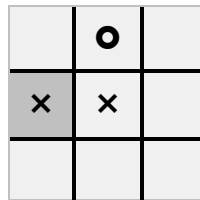
X plays next



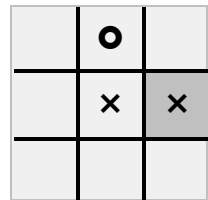
XOB-BXB-BBB



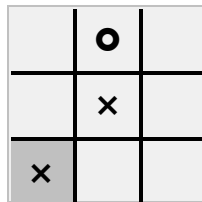
BOX-BXB-BBB



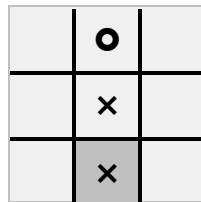
BOB-XXB-BBB



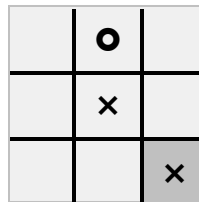
BOB-BXX-BBB



BOB-BXB-XBB

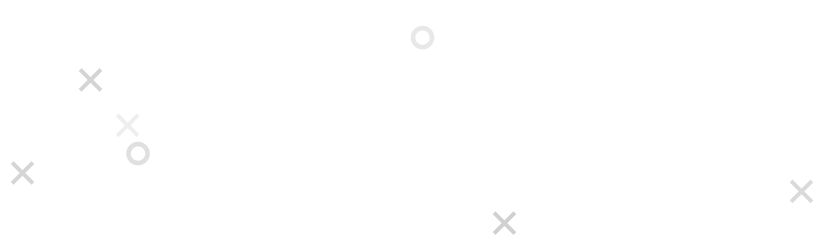


BOB-BXB-BXB



BOB-BXB-BBX

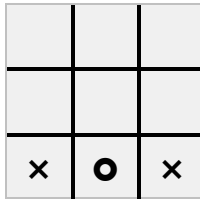
Strategy #7: Play in any empty corner



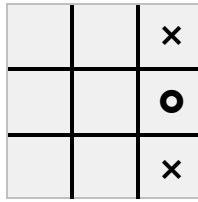
Round 3: X plays



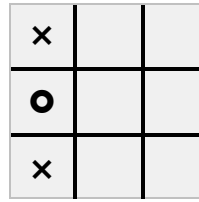
BBB-BBB-XOX



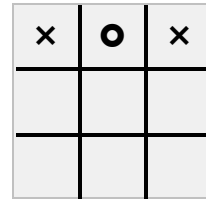
BBB-BBB-XOX



BBX-BBO-BBX

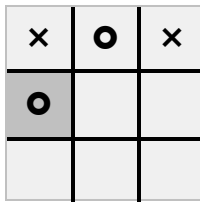


XBB-OBB-XBB

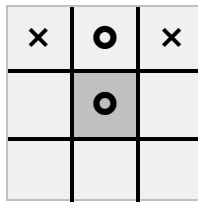


XOX-BBB-BBB

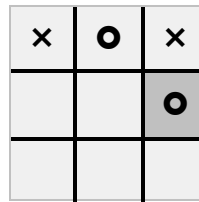
O plays next



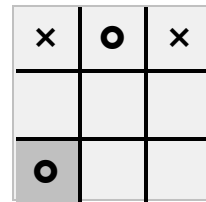
XOX-OBB-BBB



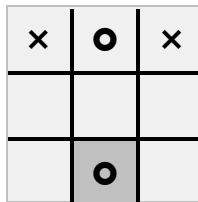
XOX-BOB-BBB



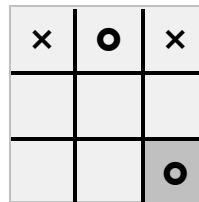
XOX-BBO-BBB



XOX-BBB-OBB

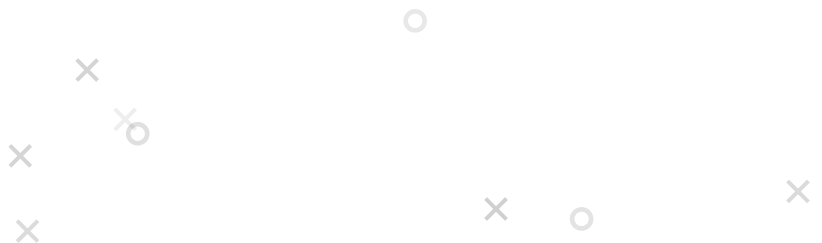


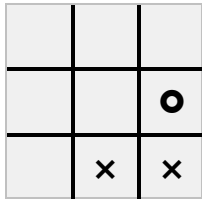
XOX-BBB-BOB



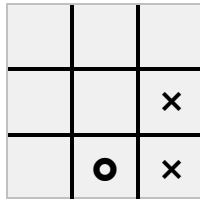
XOX-BBB-BBO

Strategy #4: Block an opponent's fork

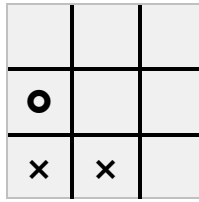




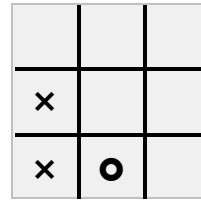
BBB-BBO-BXX



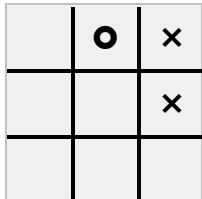
BBB-BBX-BOX



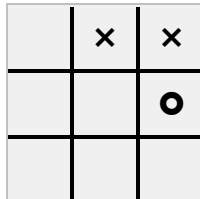
BBB-OBX-XXB



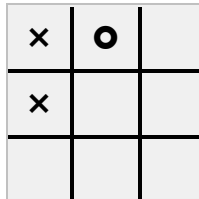
BBB-XBB-XOB



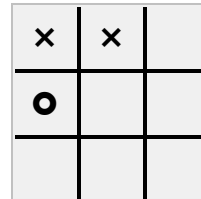
BOX-BBX-BBB



BXX-BBO-BBB

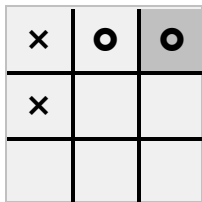


XOB-XBB-BBB

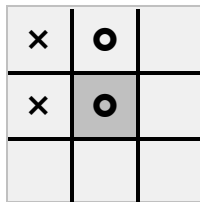


XXB-OBX-BBB

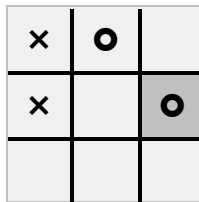
O plays next



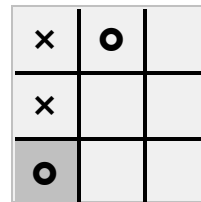
XOO-XBB-BBB



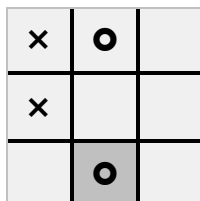
XOB-XOB-BBB



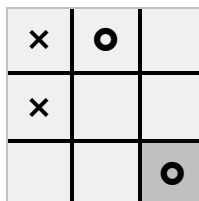
XOB-XBO-BBB



XOB-XBB-OBX

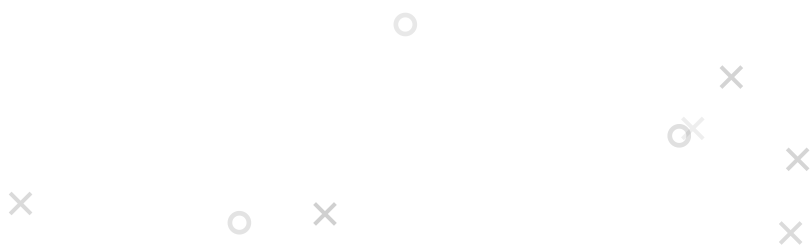


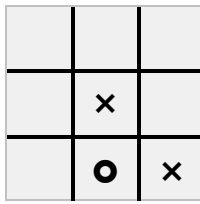
XOB-XBB-BOB



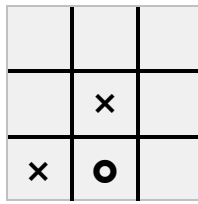
XOB-XBB-BBO

Strategy #2: Block

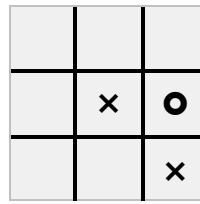




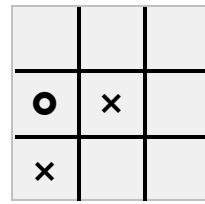
BBB-BXB-BOX



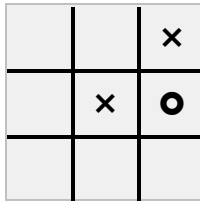
BBB-BXB-XOB



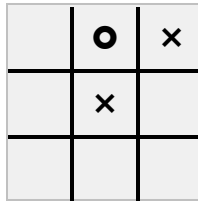
BBB-BXO-BBX



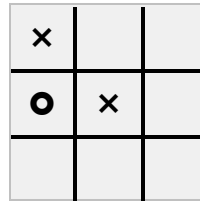
BBB-OXB-XBB



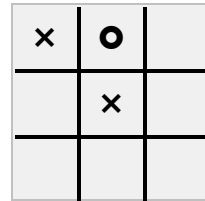
BBX-BXO-BBB



BOX-BXB-BBB

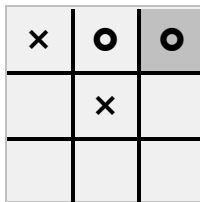


XBB-OXB-BBB

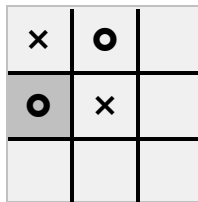


XOB-BXB-BBB

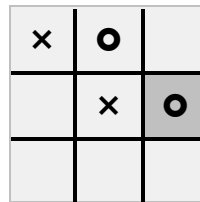
O plays next



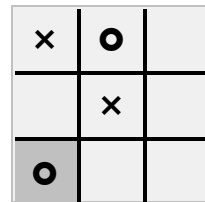
XOO-BXB-BBB



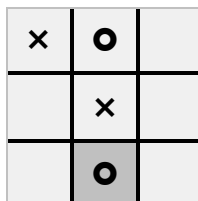
XOB-OXB-BBB



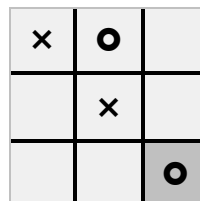
XOB-BXO-BBB



XOB-BXB-OB

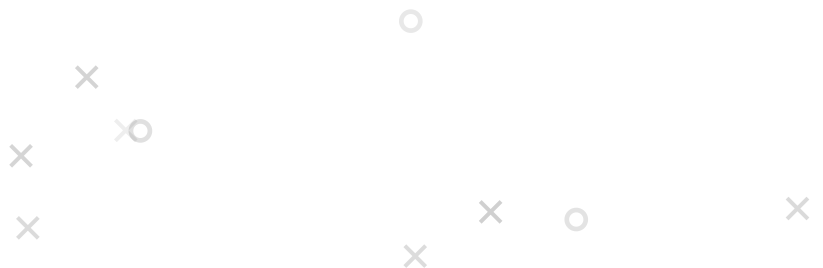


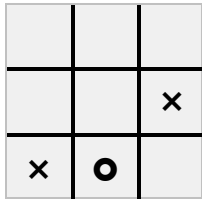
XOB-BXB-BOB



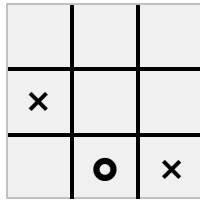
XOB-BXB-BBO

Strategy #2: Block

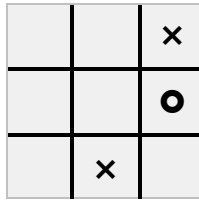




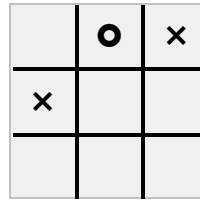
BBB-BBX-XOB



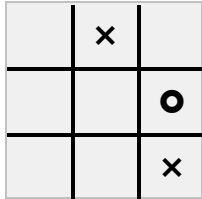
BBB-XBB-BOX



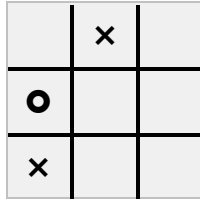
BBX-BBO-BXB



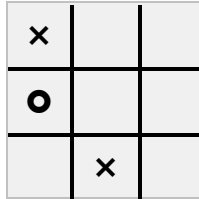
BOX-XBB-BBB



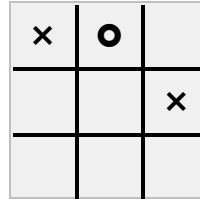
BXB-BBO-BBX



BXB-OBB-XBB

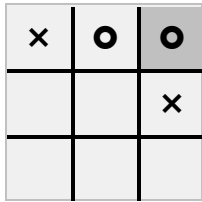


XBB-OBB-BXB

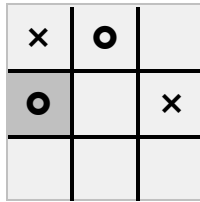


XOB-BBX-BBB

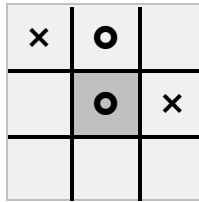
O plays next



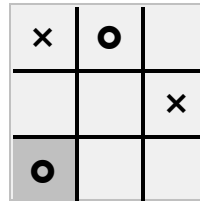
XOO-BBX-BBB



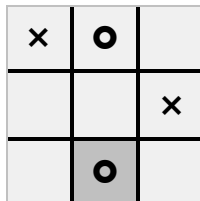
XOB-OBX-BBB



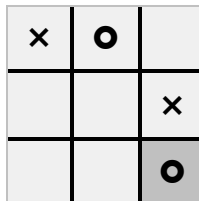
XOB-BOX-BBB



XOB-BBX-OB

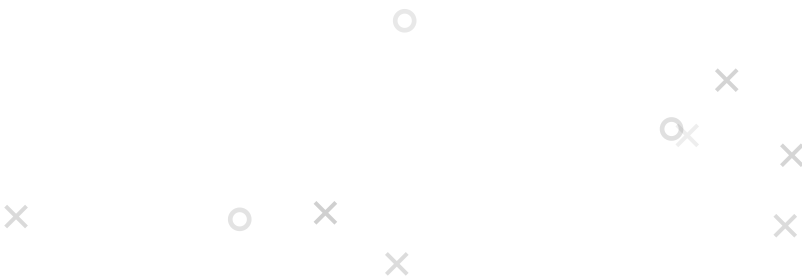


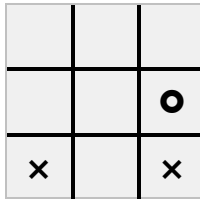
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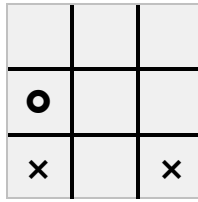
XOB-BBX-BBO

Strategy #4: Block an opponent's fork

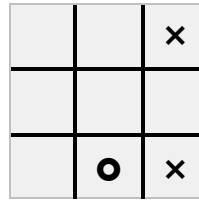




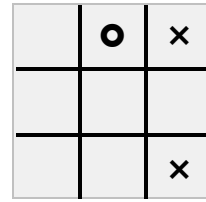
BBB-BBO-XBX



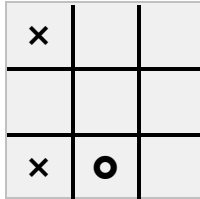
BBB-OBB-XBX



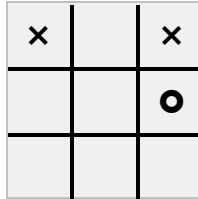
BBX-BBB-BOX



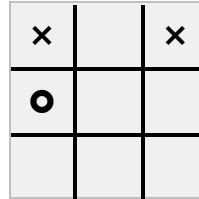
BOX-BBB-BBX



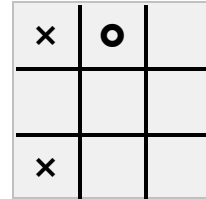
XBB-BBB-XOB



XBX-BBO-BBB

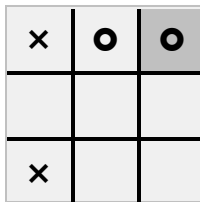


XBX-OBB-BBB

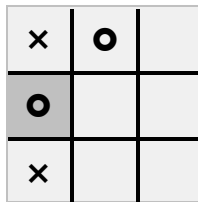


XOB-BBB-XBB

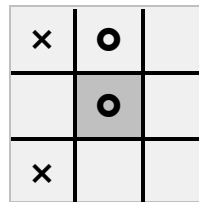
O plays next



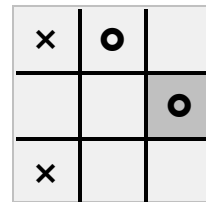
XOO-BBB-XBB



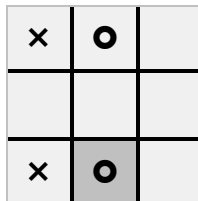
XOB-OBB-XBB



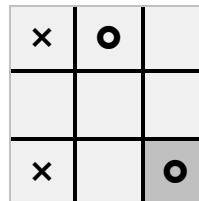
XOB-BOB-XBB



XOB-BBO-XBB



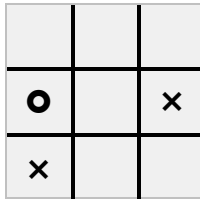
XOB-BBB-XOB



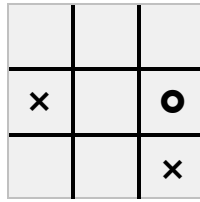
XOB-BBB-XBO

Strategy #2: Block

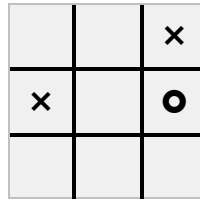




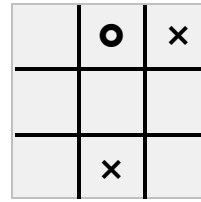
BBB-OBX-XBB



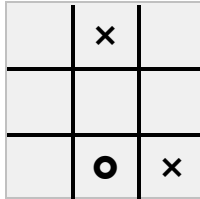
BBB-XBO-BBX



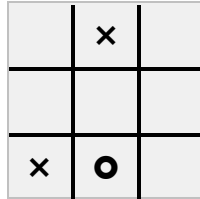
BBX-XBO-BBB



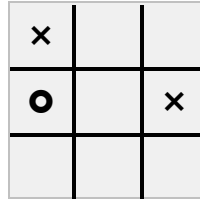
BOX-BBB-BXB



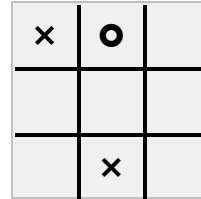
BXB-BBB-BOX



BXB-BBB-XOB

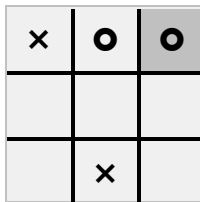


XBB-OBX-BBB

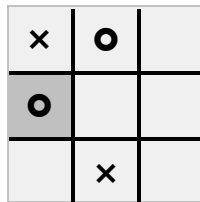


XOB-BBB-BXB

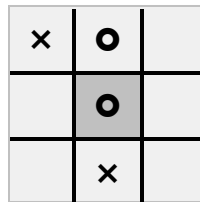
O plays next



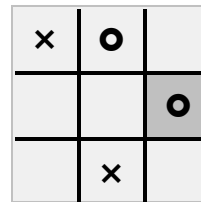
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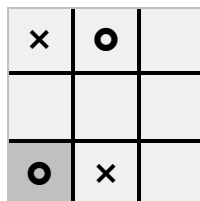
XOB-OBB-BXB



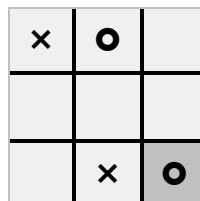
XOB-BOB-BXB



XOB-BBO-BXB



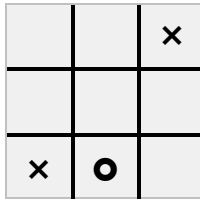
XOB-BBB-OXB



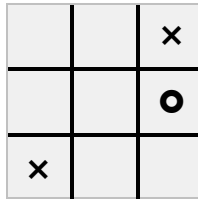
XOB-BBB-BXO

Strategy #4: Block an opponent's fork

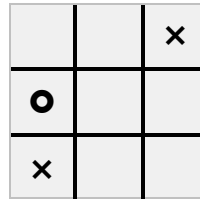




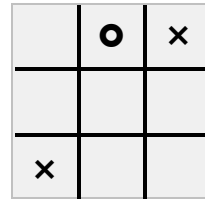
BBX-BBB-XOB



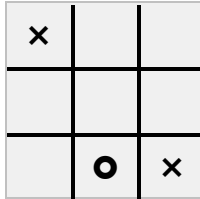
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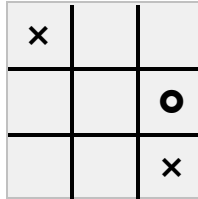
BBX-OBB-XBB



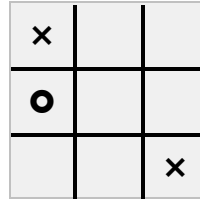
BOX-BBB-XBB



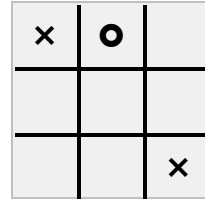
XBB-BBB-BOX



XBB-BBO-BBX

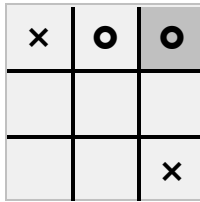


XBB-OBB-BBX

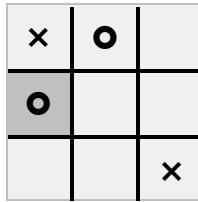


XOB-BBB-BBX

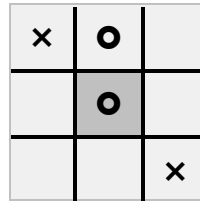
O plays next



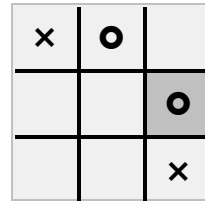
XOO-BBB-BBX



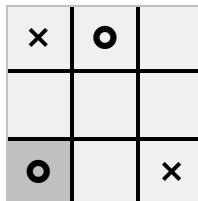
XOB-OBB-BBX



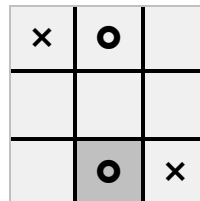
XOB-BOB-BBX



XOB-BBO-BBX



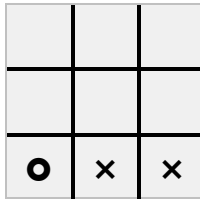
XOB-BBB-OBX



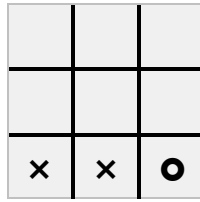
XOB-BBB-BOX

Strategy #2: Block

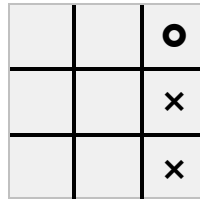




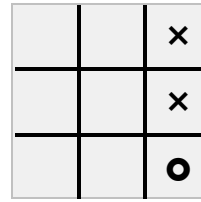
BBB-BBB-OXX



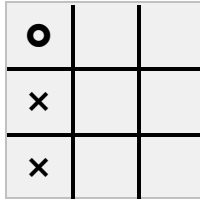
BBB-BBB-XXO



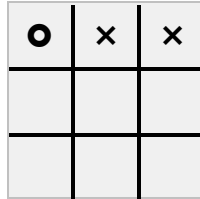
BBO-BBX-BBX



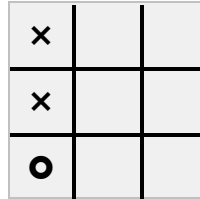
BBX-BBX-BBO



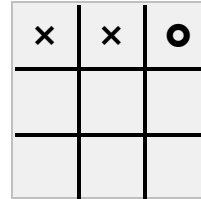
OBB-XBB-XBB



OXX-BBB-BBB

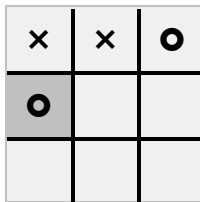


XBB-XBB-OB

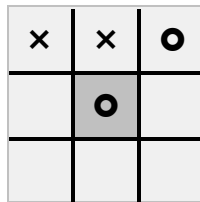


XXO-BBB-BBB

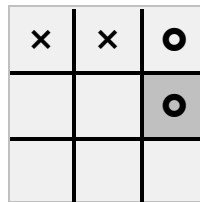
O plays next



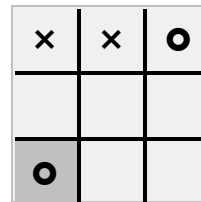
XXO-OB



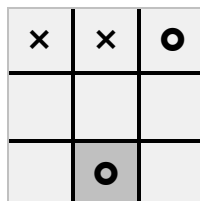
XXO-BO



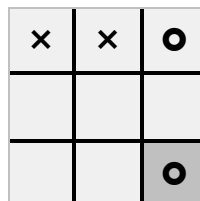
XXO-B



XXO-B

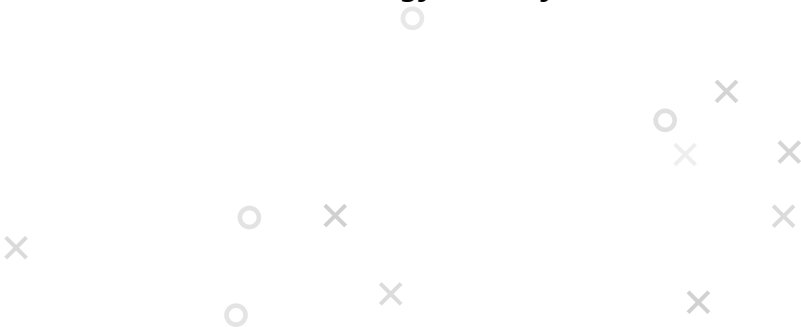


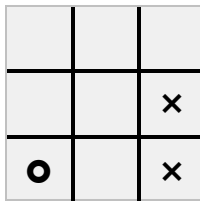
XXO-B



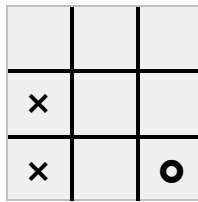
XXO-B

Strategy #5: Play in the center

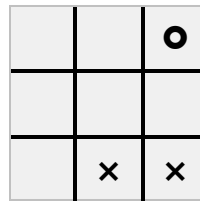




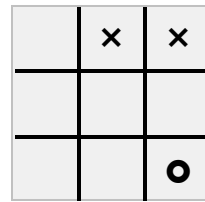
BBB-BBX-OBX



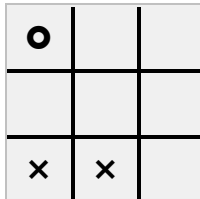
BBB-XBB-XBO



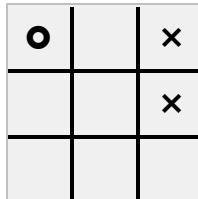
BBO-BBB-BXX



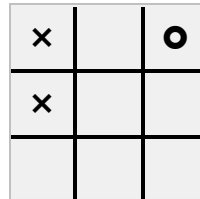
BXX-BBB-BBO



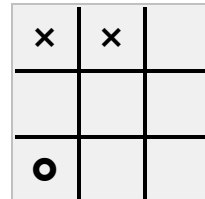
OBB-BBB-XXB



OBX-BBX-BBB

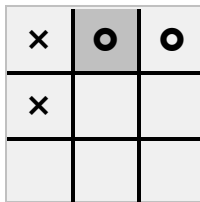


XBO-XBB-BBB

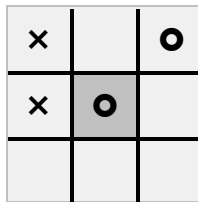


XXB-BBB-OBB

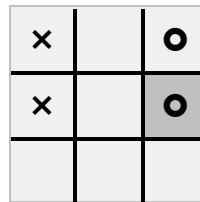
O plays next



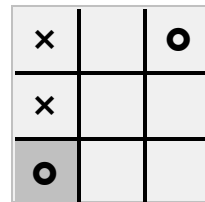
XOO-XBB-BBB



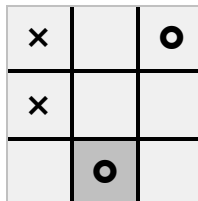
XBO-XOB-BBB



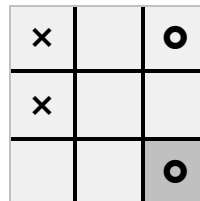
XBO-XBO-BBB



XBO-XBB-OBB



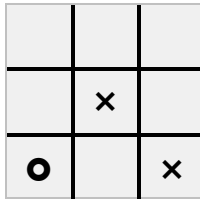
XBO-XBB-BOB



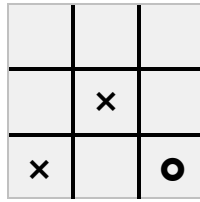
XBO-XBB-BBO

Strategy #2: Block

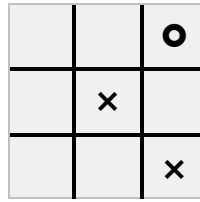




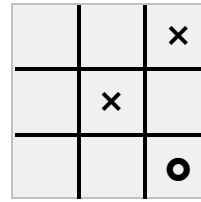
BBB-BXB-OBX



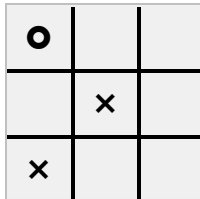
BBB-BXB-XBO



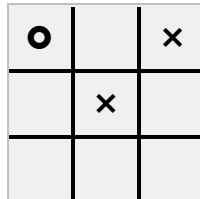
BBO-BXB-BBX



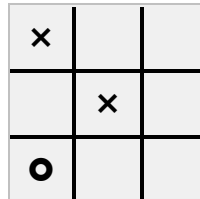
BBX-BXB-BBO



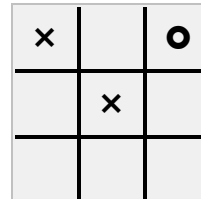
OBB-BXB-XBB



OBX-BXB-BBB

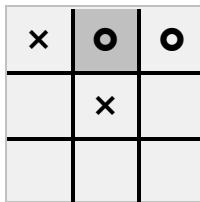


XBB-BXB-OBX

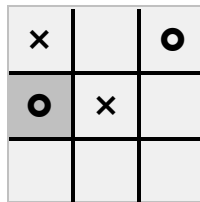


XBO-BXB-BBB

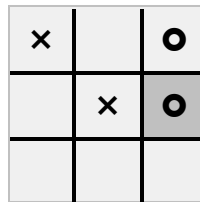
O plays next



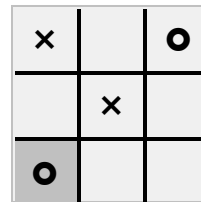
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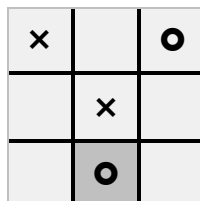
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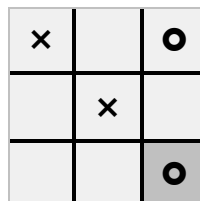
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XBO-BXB-OBX



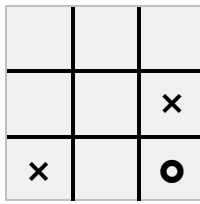
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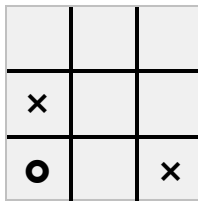
XBO-BXB-BBO

Strategy #2: Block

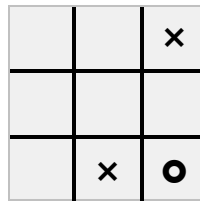




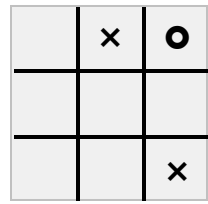
BBB-BBX-XBO



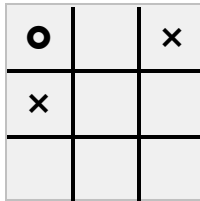
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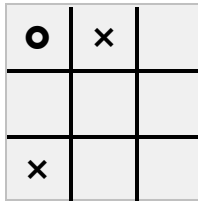
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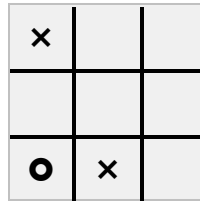
BXO-BBB-BBX



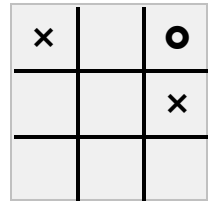
OBX-XBB-BBB



OXB-BBB-XBB

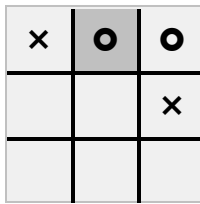


XBB-BBB-OBX

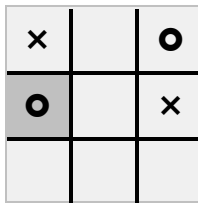


XBO-BBX-BBB

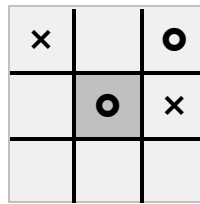
O plays next



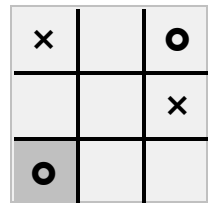
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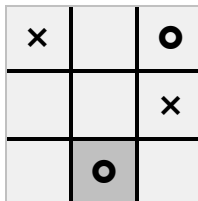
XBO-OBX-BBB



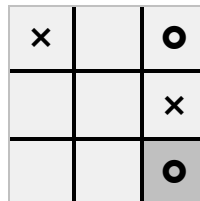
XBO-BOX-BBB



XBO-BBX-OBX



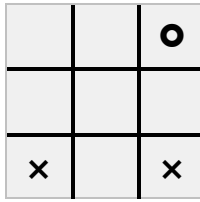
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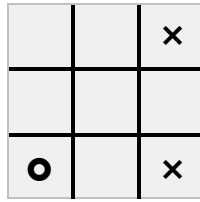
XBO-BBX-BBO

Strategy #4: Block an opponent's fork

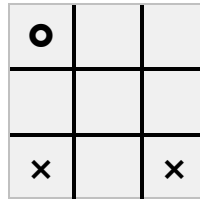




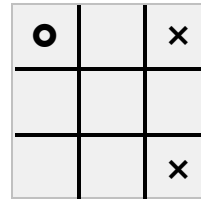
BBO-BBB-XBX



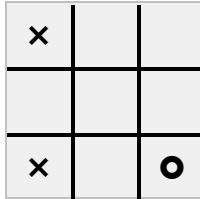
BBX-BBB-OBX



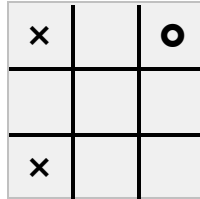
OBB-BBB-XBX



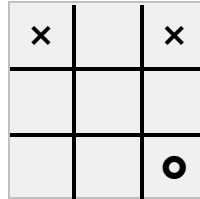
OBX-BBB-BBX



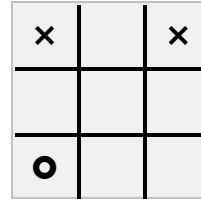
XBB-BBB-XBO



XBO-BBB-XBB

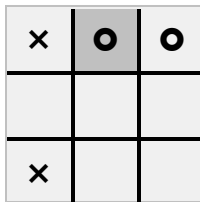


XBX-BBB-BBO

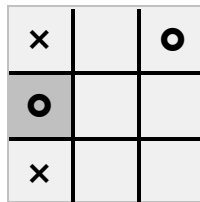


XBX-BBB-OBX

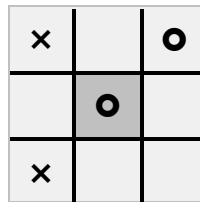
O plays next



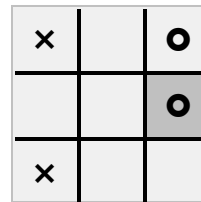
XOO-BBB-XBB



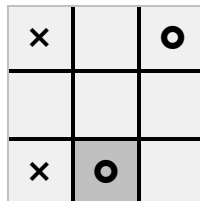
XBO-OBX-XBB



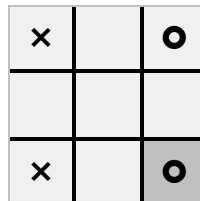
XBO-BOB-XBB



XBO-BBO-XBB

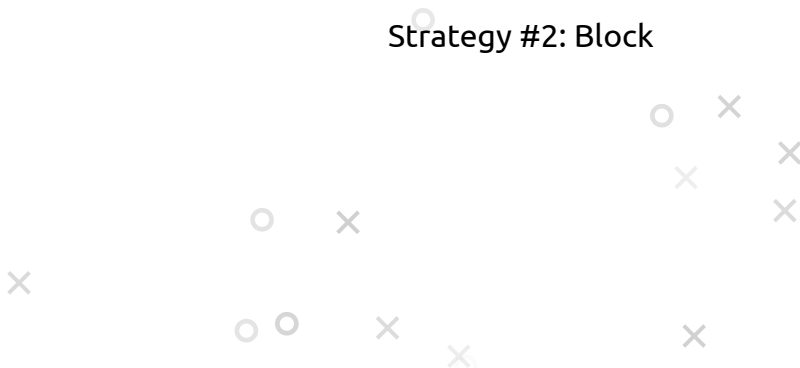


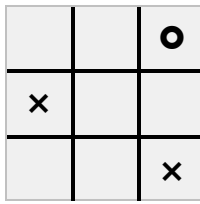
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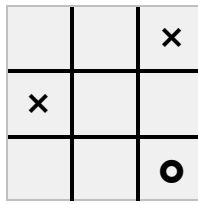
XBO-BBB-XBO

Strategy #2: Block

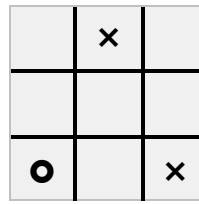




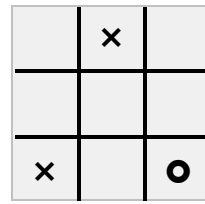
BBO-XBB-BBX



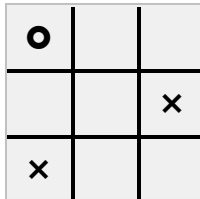
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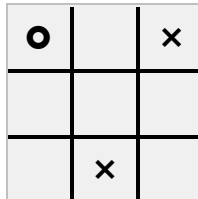
BXB-BBB-OBX



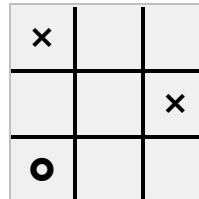
BXB-BBB-XBO



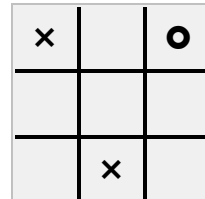
OBB-BBX-XBB



OBX-BBB-BXB

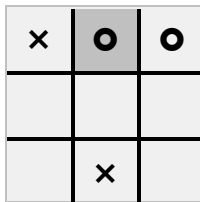


XBB-BBX-OBX

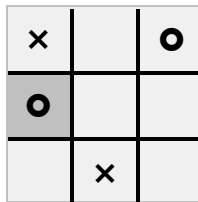


XBO-BBB-BXB

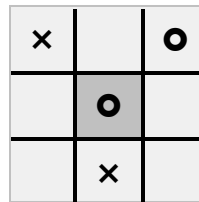
O plays next



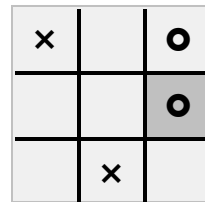
XOO-BBB-BXB



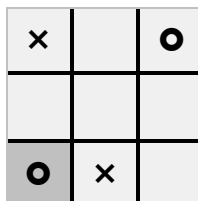
XBO-OBX-BXB



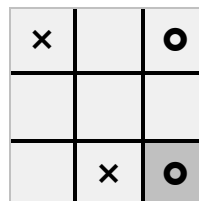
XBO-BOB-BXB



XBO-BBO-BXB

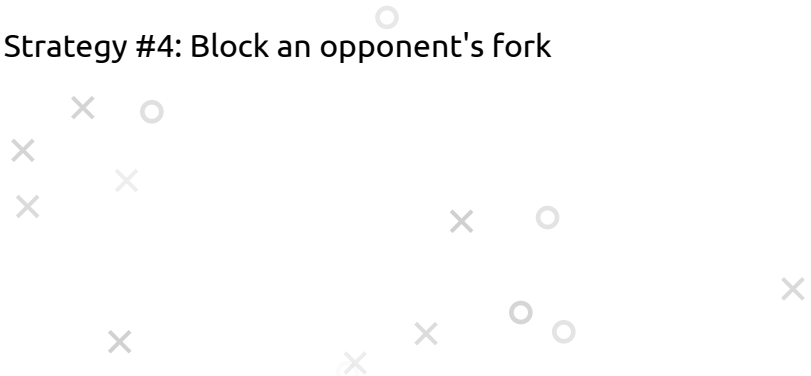


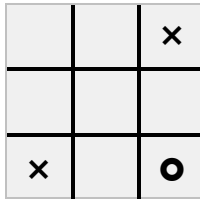
XBO-BBB-OXB



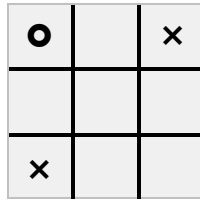
XBO-BBB-BXO

Strategy #4: Block an opponent's fork

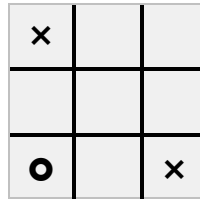




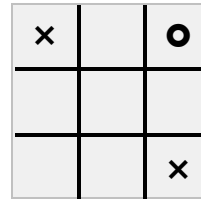
BBX-BBB-XBO



OBX-BBB-XBB

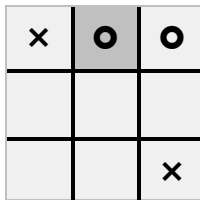


XBB-BBB-OBX

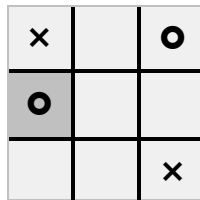


XBO-BBB-BBX

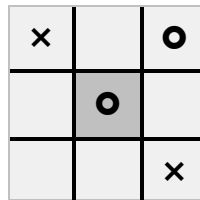
O plays next



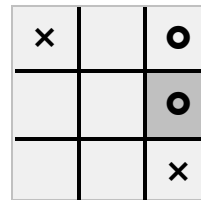
XOO-BBB-BBX



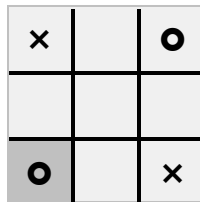
XBO-OBB-BBX



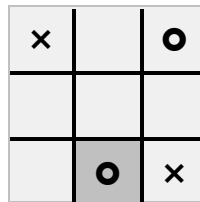
XBO-BOB-BBX



XBO-BBO-BBX

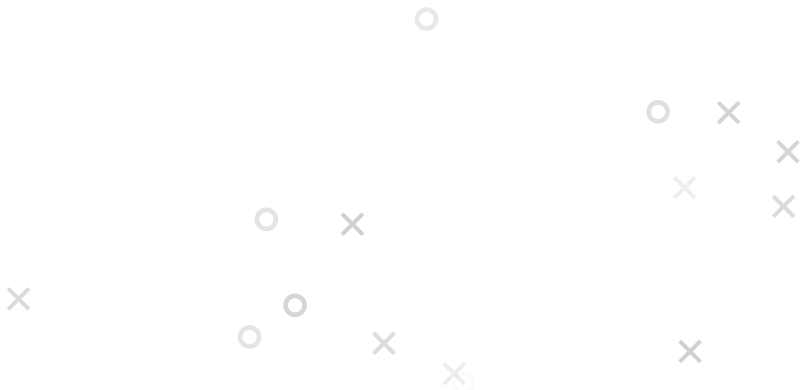


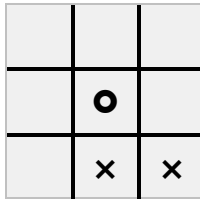
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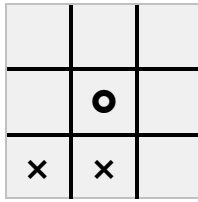
XBO-BBB-BOX

Strategy #2: Block

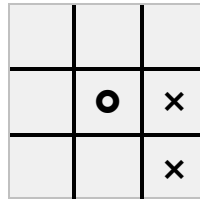




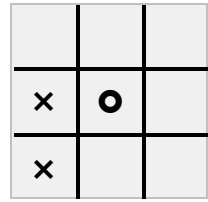
BBB-BOB-BXX



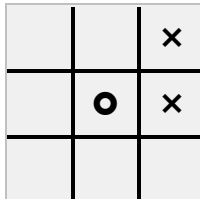
BBB-BOB-XXB



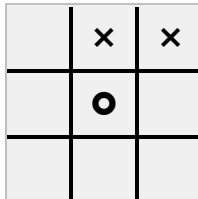
BBB-BOX-BBX



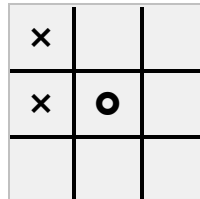
BBB-XOB-XBB



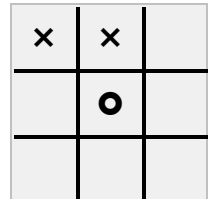
BBX-BOX-BBB



BXX-BOB-BBB

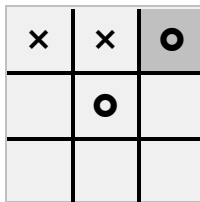


XBB-XOB-BBB

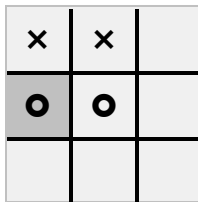


XXB-BOB-BBB

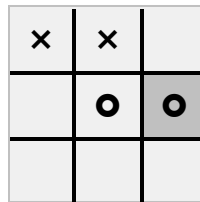
O plays next



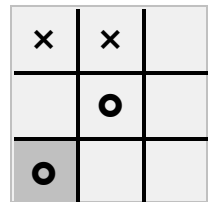
XXO-BOB-BBB



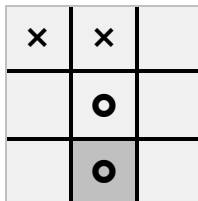
XXB-OOB-BBB



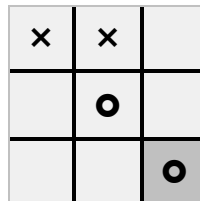
XXB-BOO-BBB



XXB-BOB-OB



XXB-BOB-BOB

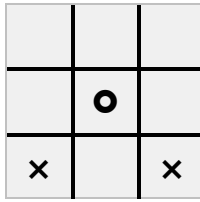


XXB-BOB-BBO

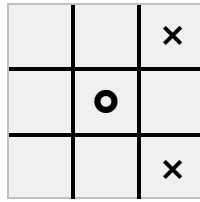
Strategy #2: Block



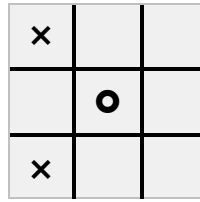
BBB-BOB-XX



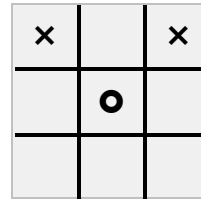
BBB-BOB-XX



BBX-BOB-XX

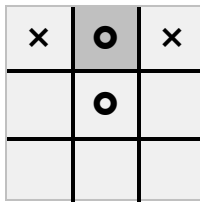


XBB-BOB-XX

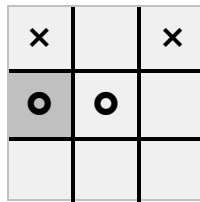


XXB-BOB-XX

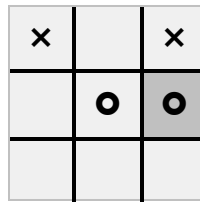
O plays next



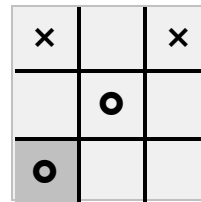
XOX-BOB-XX



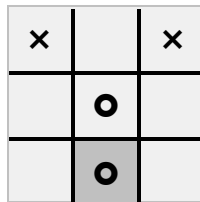
XXO-BOB-XX



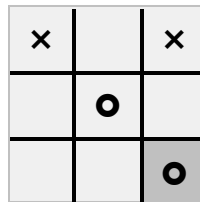
XXO-BOB-XX



XXO-BOB-XX



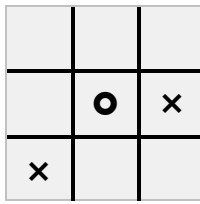
XXO-BOB-XX



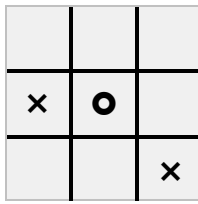
XXO-BOB-XX

Strategy #2: Block

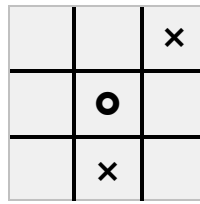




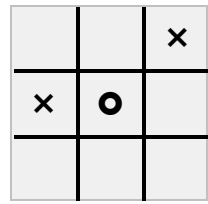
BBB-BOX-XBB



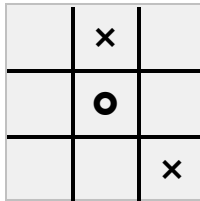
BBB-XOB-BBX



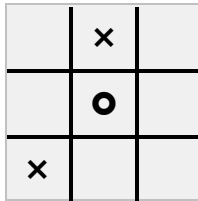
BBX-BOB-BXB



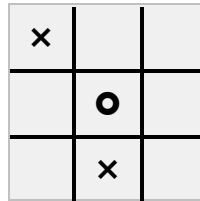
BBX-XOB-BBB



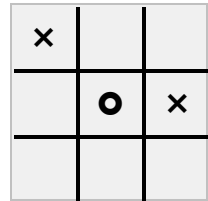
BXB-BOB-BBX



BXB-BOB-XBB

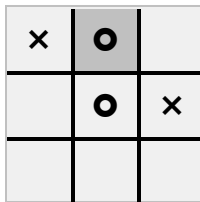


XBB-BOB-BXB

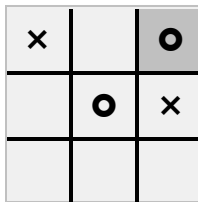


XBB-BOX-BBB

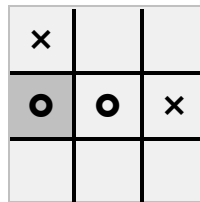
O plays next



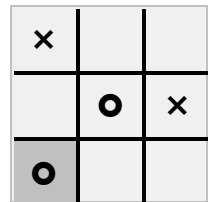
XOB-BOX-BBB



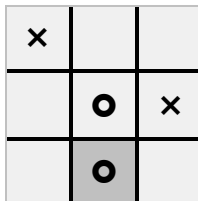
XBO-BOX-BBB



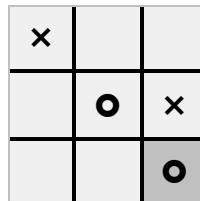
XBB-OOX-BBB



XBB-BOX-OB

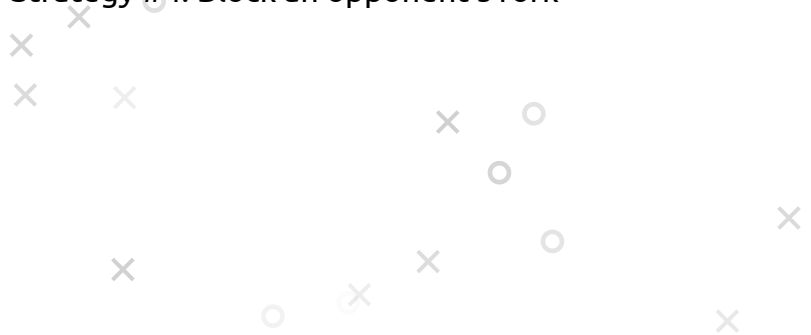


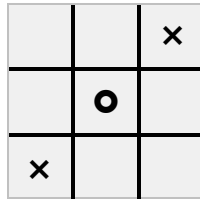
XBB-BOX-BOB



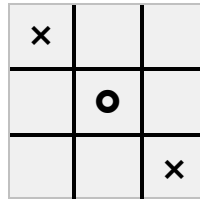
XBB-BOX-BBO

Strategy #4: Block an opponent's fork



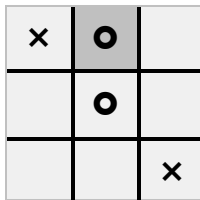


BBX-BOB-XBB

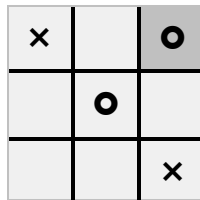


XBB-BOB-BBX

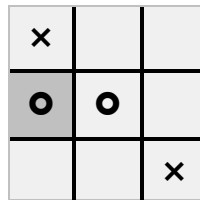
O plays next



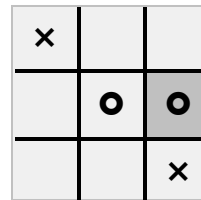
XOB-BOB-BBX



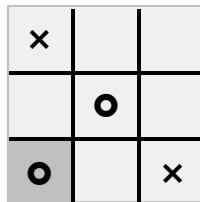
XBO-BOB-BBX



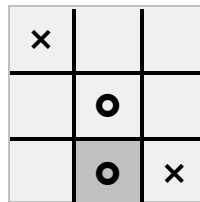
XBB-OOB-BBX



XBB-BOO-BBX



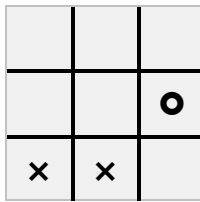
XBB-BOB-OBX



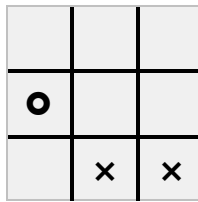
XBB-BOB-BOX

Strategy #4: Block an opponent's fork

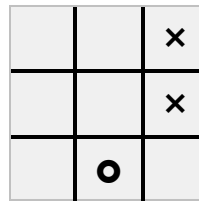




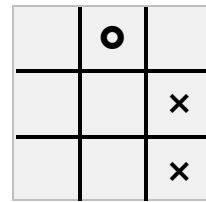
BBB-BBO-XXB



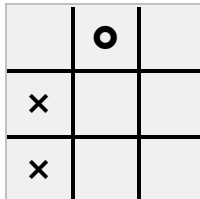
BBB-OBB-BXX



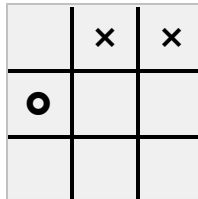
BBX-BBX-BOB



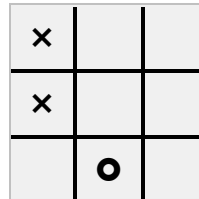
BOB-BBX-BBX



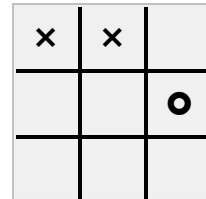
BOB-XBB-XBB



BXX-OBB-BBB

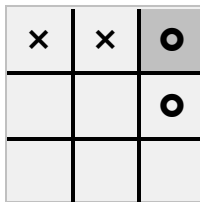


XBB-XBB-BOB

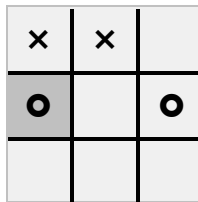


XXB-BBO-BBB

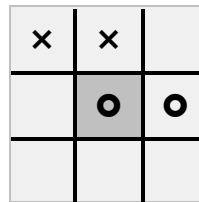
O plays next



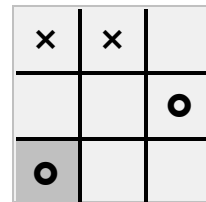
XXO-BBO-BBB



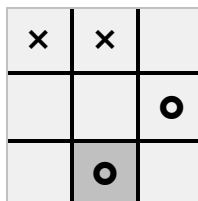
XXB-OBO-BBB



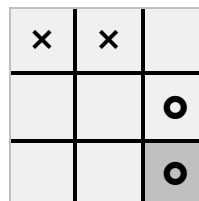
XXB-BOO-BBB



XXB-BBO-OBB



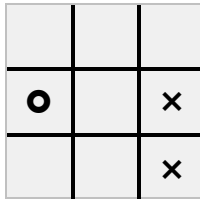
XXB-BBO-BOB



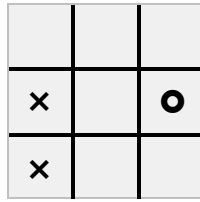
XXB-BBO-BBO

Strategy #2: Block

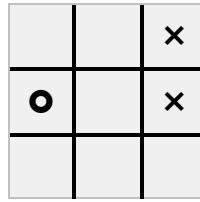




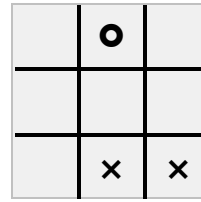
BBB-OBX-BBX



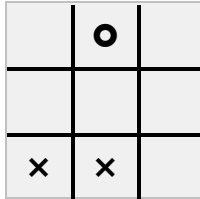
BBB-XBO-XBB



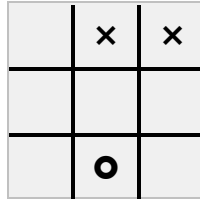
BBX-OBX-BBB



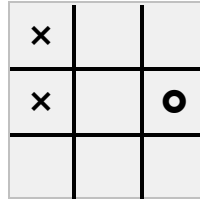
BOB-BBB-BXX



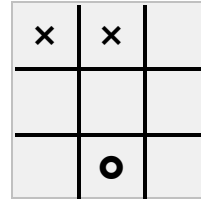
BOB-BBB-XXB



BXX-BBB-BOB

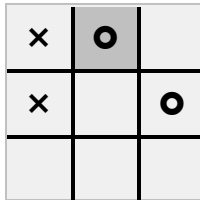


XBB-XBO-BBB

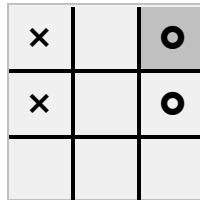


XXB-BBB-BOB

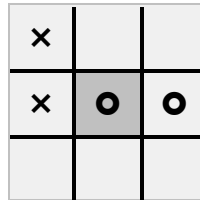
O plays next



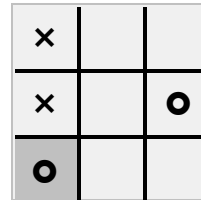
XOB-XBO-BBB



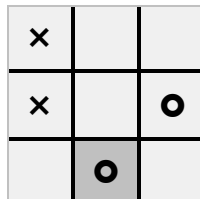
XBO-XBO-BBB



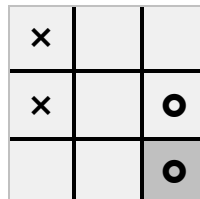
XBB-XOO-BBB



XBB-XBO-OB



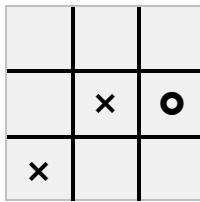
XBB-XBO-BOB



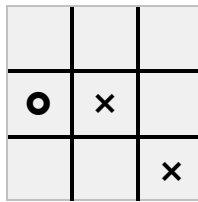
XBB-XBO-BBO

Strategy #2: Block

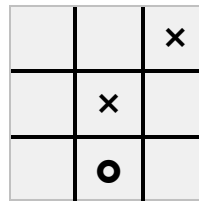




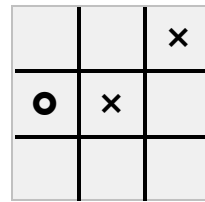
BBB-BXO-XBB



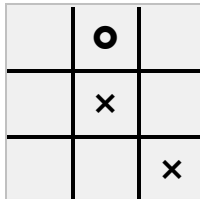
BBB-OXB-BBX



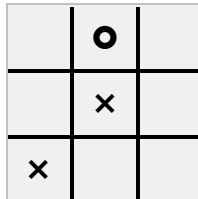
BBX-BXB-BOB



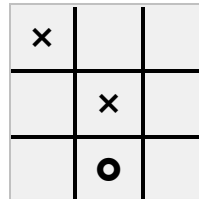
BBX-OXB-BBB



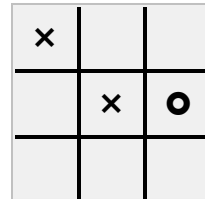
BOB-BXB-BBX



BOB-OXB-BBX

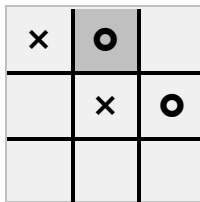


XBB-BXB-BOB

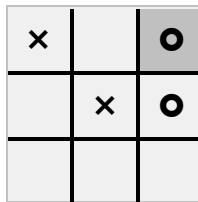


XBB-BXO-BBB

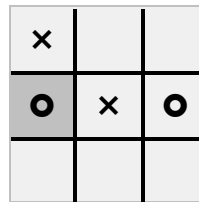
O plays next



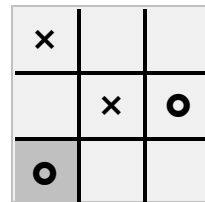
XOB-BXO-BBB



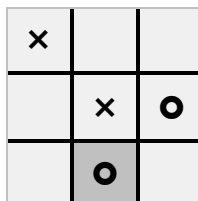
XBO-BXO-BBB



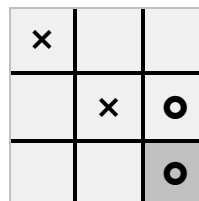
XBB-OXO-BBB



XBB-BXO-OB



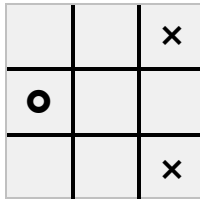
XBB-BXO-BOB



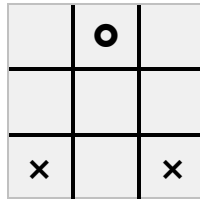
XBB-BXO-BBO

Strategy #2: Block

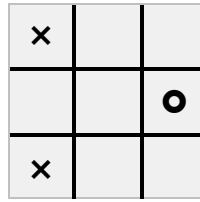




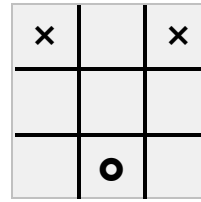
BBX-OBB-BBX



BOB-BBB-XBX

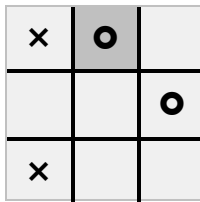


XBB-BBO-XBB

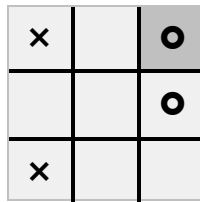


XBX-BBB-BOB

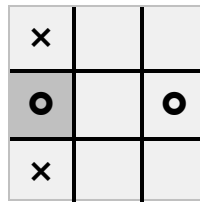
O plays next



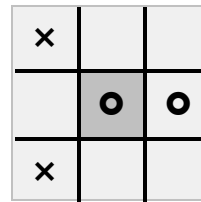
XOB-BBO-XBB



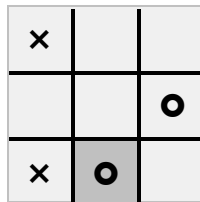
XBO-BBO-XBB



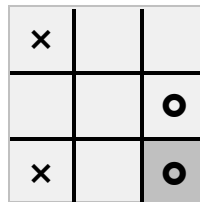
XBB-OBO-XBB



XBB-BOO-XBB



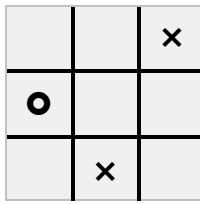
XBB-BBO-XOB



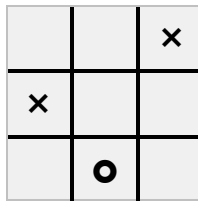
XBB-BBO-XBO

Strategy #2: Block

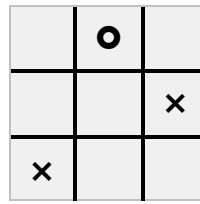




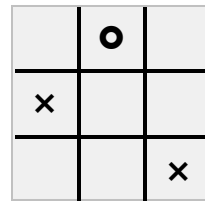
BBX-OBB-BXB



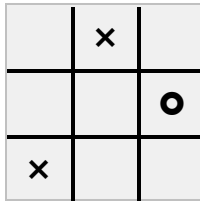
BBX-XBB-BOB



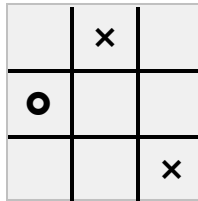
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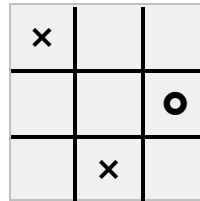
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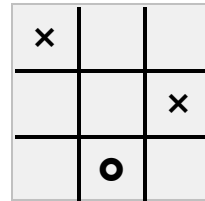
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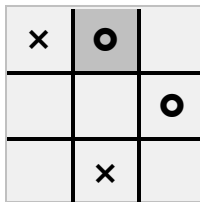


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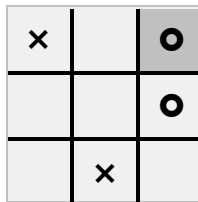


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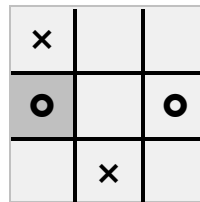
O plays next



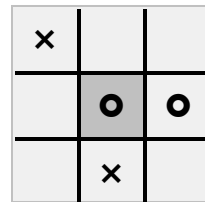
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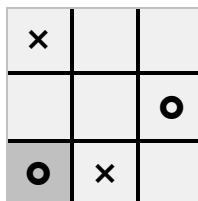
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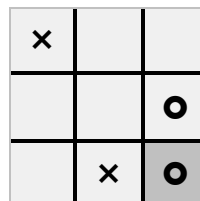
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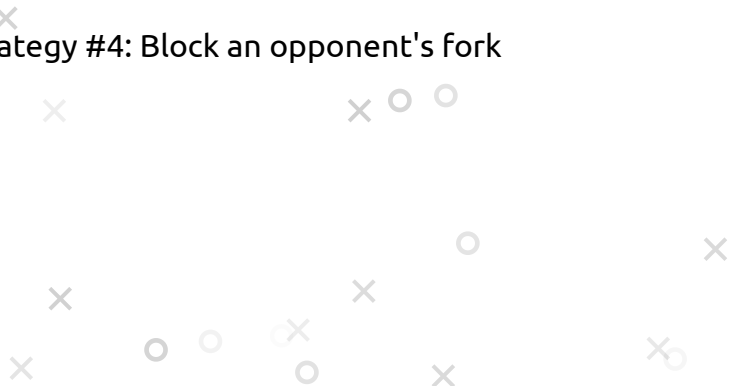


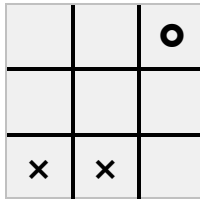
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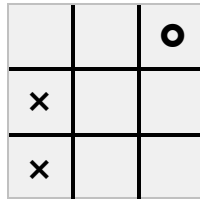
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Strategy #4: Block an opponent's fork

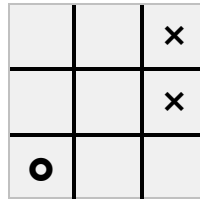




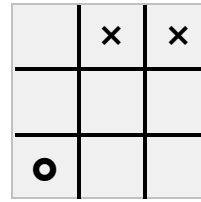
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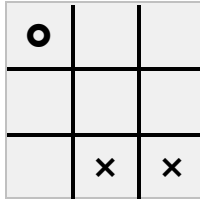
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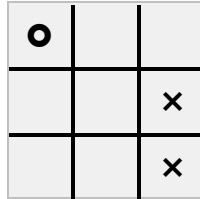
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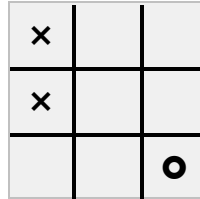
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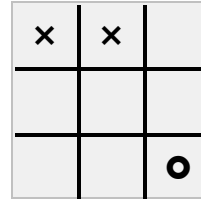
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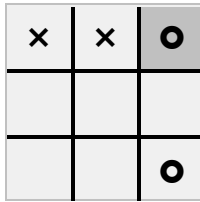


XBB-XBB-BBO

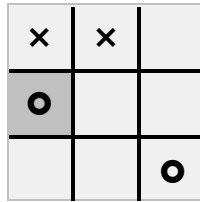


XXB-BBB-BBO

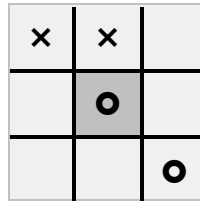
O plays next



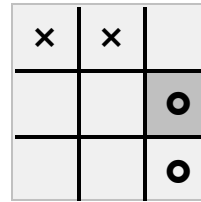
XXO-BBB-BBO



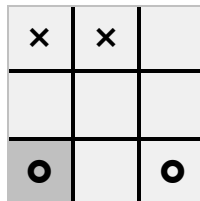
XXB-OB



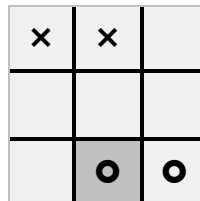
XXB-OB-BBO



XXB-BBO-BBO

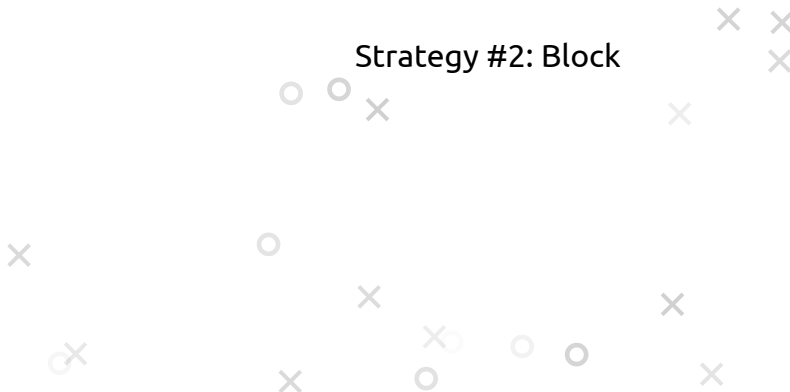


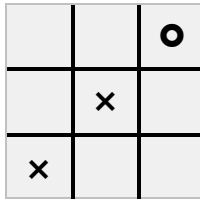
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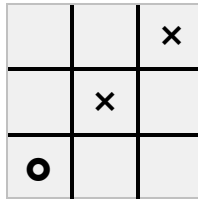
XXB-BBB-BO

Strategy #2: Block

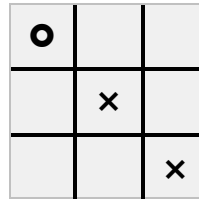




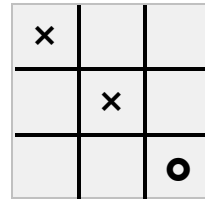
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BBX-BXB-OB

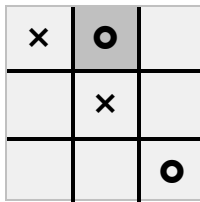


OBB-BXB-BBX

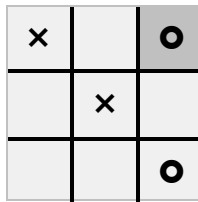


XBB-BXB-BBO

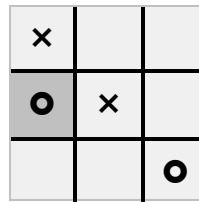
O plays next



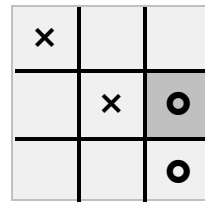
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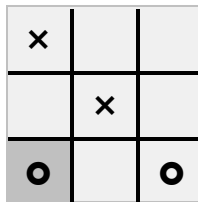
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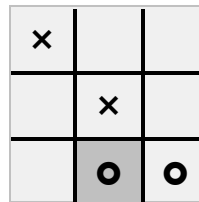
XBB-OXB-BBO



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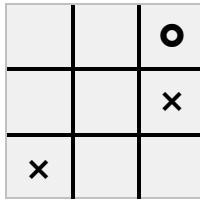
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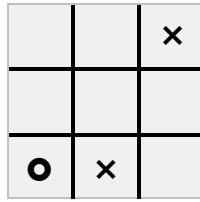
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Strategy #4: Block an opponent's fork

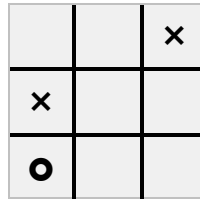




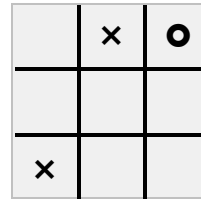
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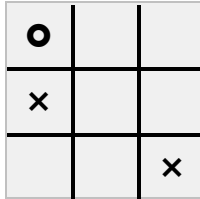
BBX-BBB-OXB



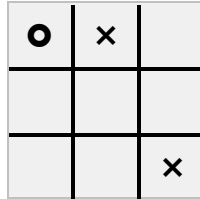
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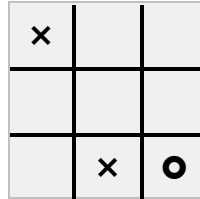
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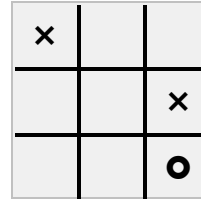
OBB-XBB-BBX



OXB-BBB-BBX

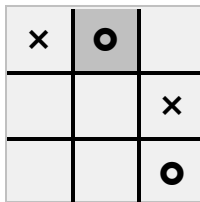


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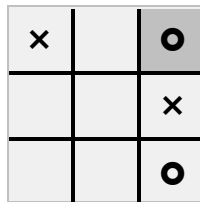


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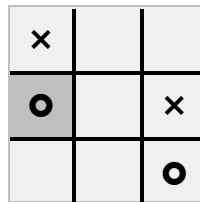
O plays next



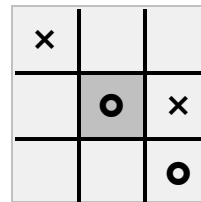
XOB-BBX-BBO



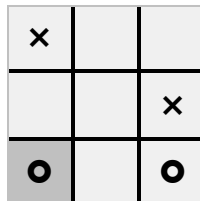
XBO-BBX-BBO



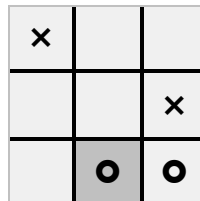
XBB-OBX-BBO



XBB-BOX-BBO



XBB-BBX-OBO

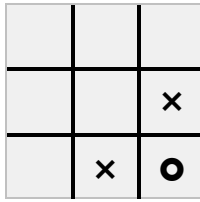


XBB-BBX-BOO

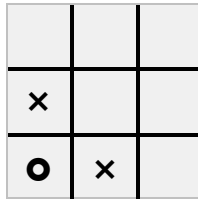
Strategy #4: Block an opponent's fork



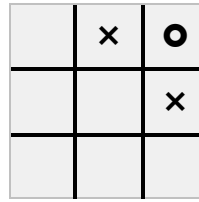
BBB-BBX-BXO



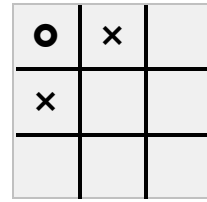
BBB-BBX-BXO



BBB-XBB-OXB

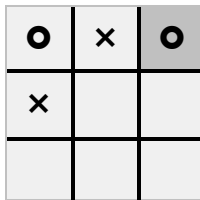


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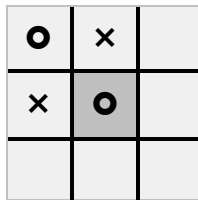


OXB-XBB-BBB

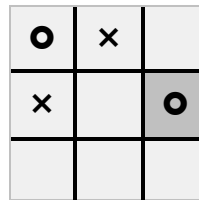
O plays next



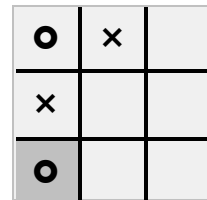
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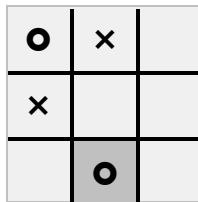
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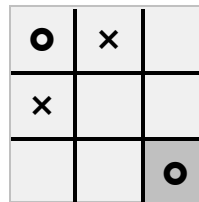
OXB-XBO-BBB



OXB-XBB-OB



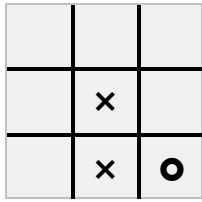
OXB-XBB-BOB



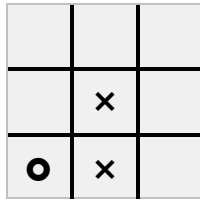
OXB-XBB-BBO

Strategy #4: Block an opponent's fork

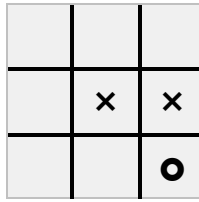




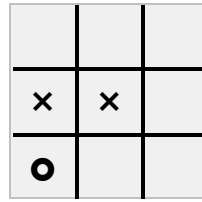
BBB-BXB-BXO



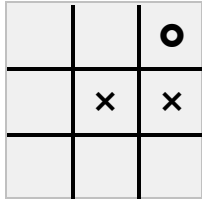
BBB-BXB-OXB



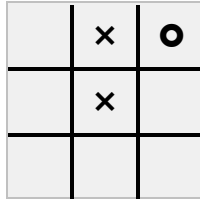
BBB-BXX-BBO



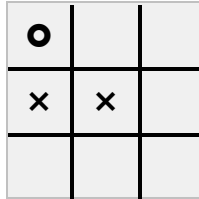
BBB-XXB-OB



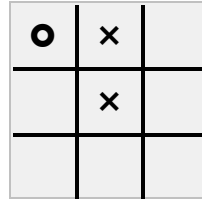
BBO-BXX-BBB



BXO-BXB-BBB

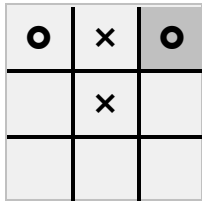


OBB-XXB-BBB

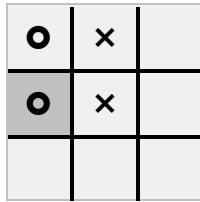


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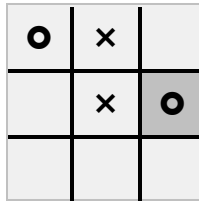
O plays next



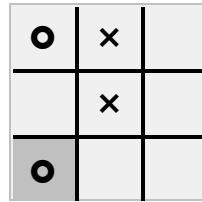
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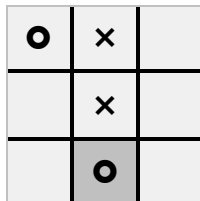
OXB-OXB-BBB



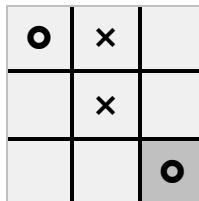
OXB-BXO-BBB



OXB-BXB-OB

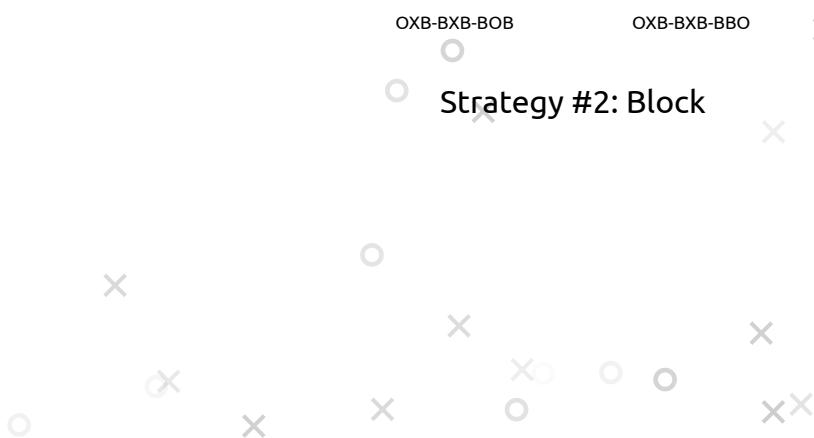


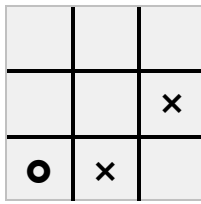
OXB-BXB-OB



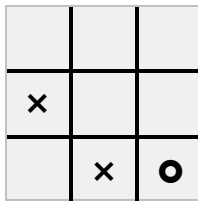
OXB-BXB-BBO

Strategy #2: Block

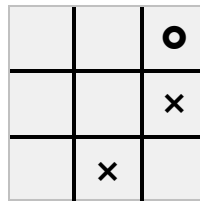




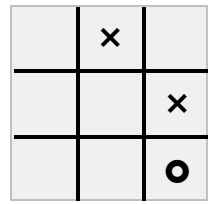
BBB-BBX-OXB



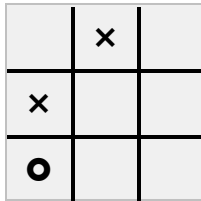
BBB-XBB-BXO



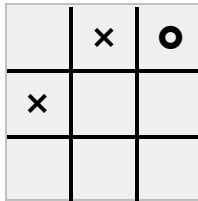
BBO-BBX-BXB



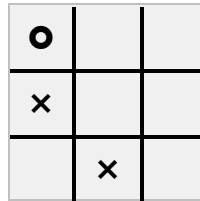
BXB-BBX-BBO



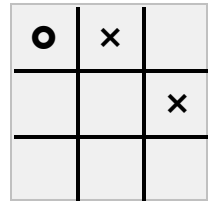
BXB-XBB-OB



BXO-XBB-BBB

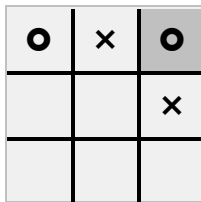


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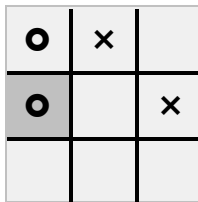


OXB-BBX-BBB

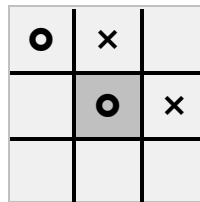
O plays next



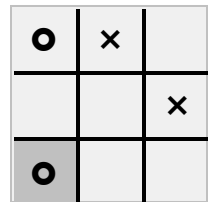
OXO-BBX-BBB



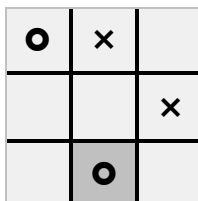
OXB-OBX-BBB



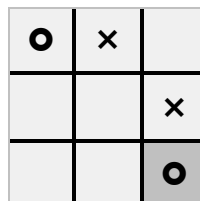
OXB-BOX-BBB



OXB-BBX-OB

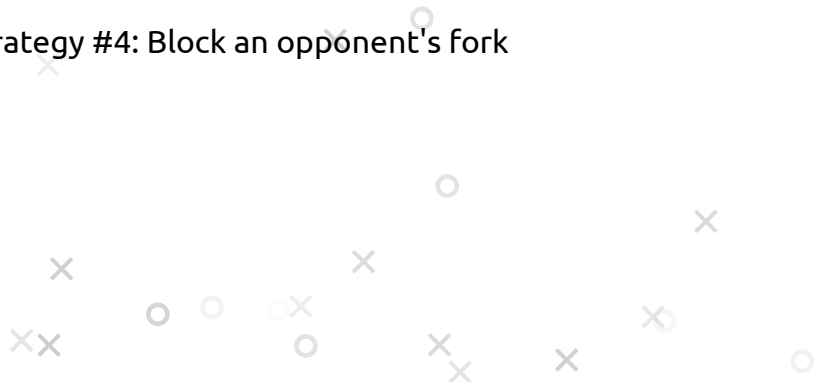


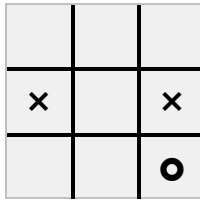
OXB-BBX-BOB



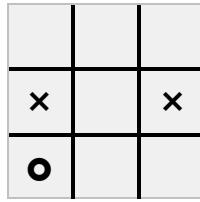
OXB-BBX-BBO

Strategy #4: Block an opponent's fork

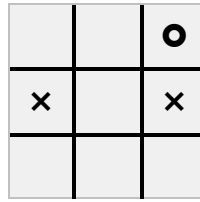




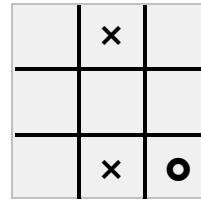
BBB-XBX-BBO



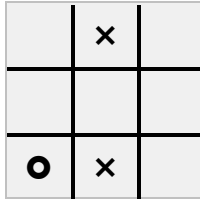
BBB-XBX-OB



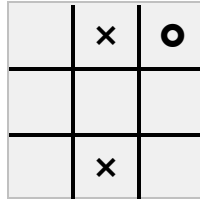
BBO-XBX-BBB



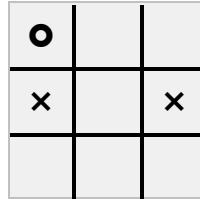
BXB-BBB-BXO



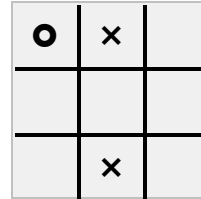
BXB-BBB-OXB



BXO-BBB-BXB

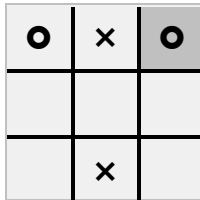


OBB-XBX-BBB

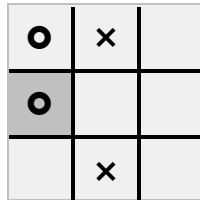


OXB-BBB-BXB

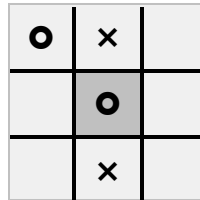
O plays next



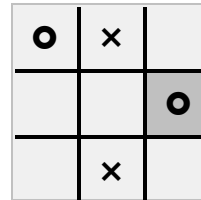
OXO-BBB-BXB



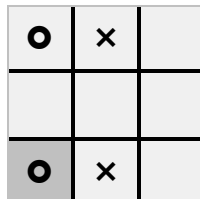
OXB-OB



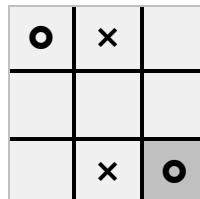
OXB-BOB-BXB



OXB-BBO-BXB

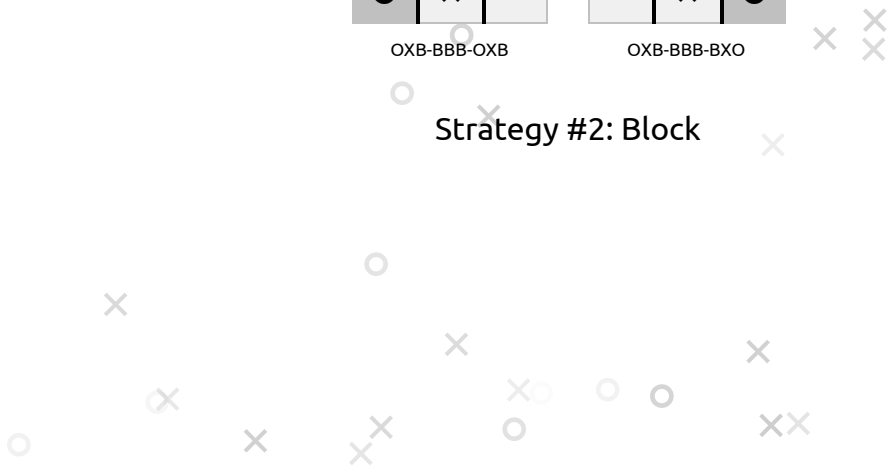


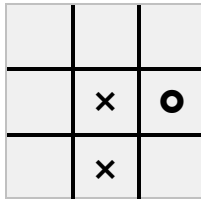
OXB-BBB-OXB



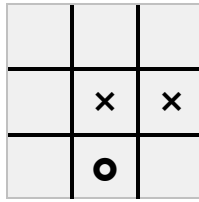
OXB-BBB-BXO

Strategy #2: Block

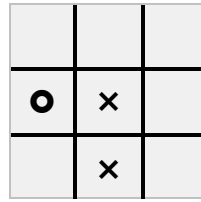




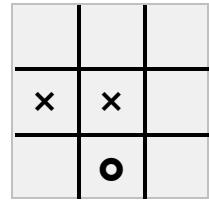
BBB-BXO-BXB



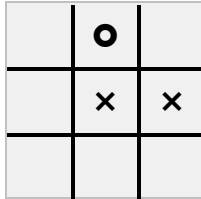
BBB-BXX-BOB



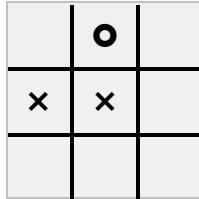
BBB-OXB-BXB



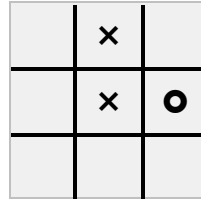
BBB-XXB-BOB



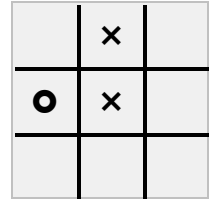
BOB-BXX-BBB



BOB-XXB-BBB

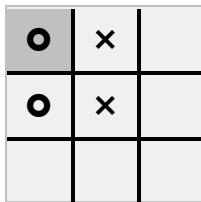


BXB-BXO-BBB

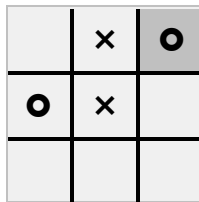


BXB-OXB-BBB

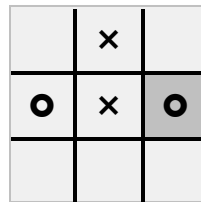
O plays next



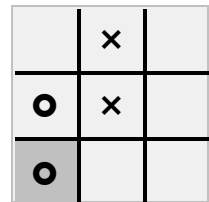
OXB-OXB-BBB



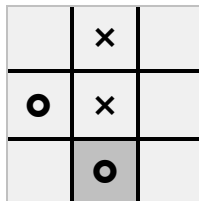
BXO-OXB-BBB



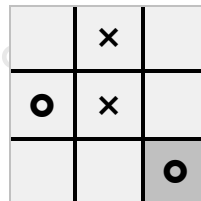
BXB-OXO-BBB



BXB-OXB-OB



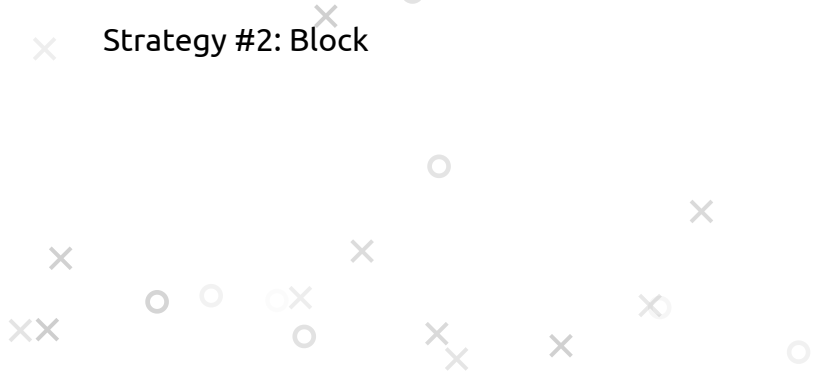
BXB-OXB-BOB



BXB-OXB-BBO



Strategy #2: Block



○		×
	×	

BBB-OBX-BXB

×		○
	×	

BBB-XBO-BXB

	○	
		×
	×	

BOB-BBX-BXB

	○	
×		
	×	

BOB-XBB-BXB

	×	
		×
	○	

BXB-BBX-BOB

	×	
○		×

BXB-OBX-BBB

	×	
×		
	○	

BXB-XBB-BOB

	×	
×		○

BXB-XBO-BBB

O plays next

○	×	
○		×

OXB-OBX-BBB

	×	○
○		×

BXO-OBX-BBB

	×	
○	○	×

BXB-OOX-BBB

	×	
○		×
○		

BXB-OBX-OB

	×	
○		×
	○	

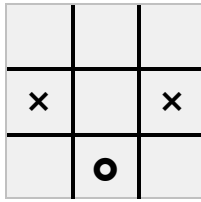
BXB-OBX-BOB

	×	
○		×
		○

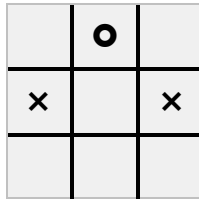
BXB-OBX-BBO

Strategy #4: Block an opponent's fork

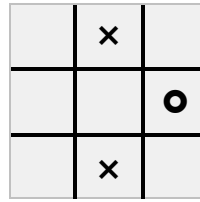




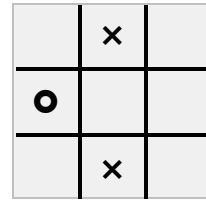
BBB-XBX-BOB



BOB-XBX-BBB

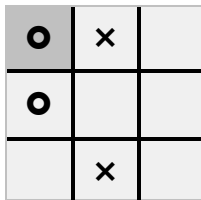


BXB-BBO-BXB

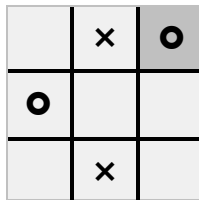


BXB-OBX-BXB

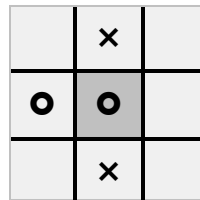
O plays next



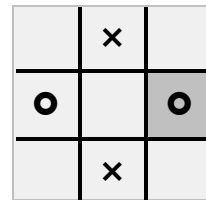
OXB-OBX-BXB



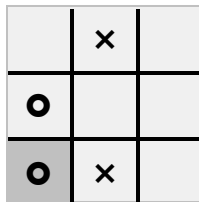
BXO-OBX-BXB



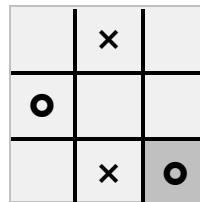
BXB-OOB-BXB



BXB-OBO-BXB



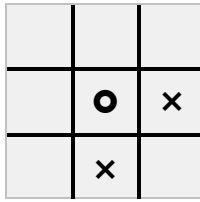
BXB-OBX-OXB



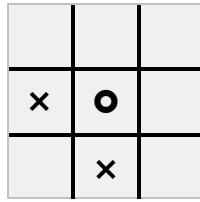
BXB-OBX-BXO

Strategy #2: Block

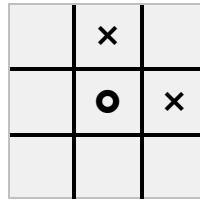




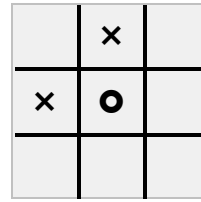
BBB-BOX-BXB



BBB-XOB-BXB

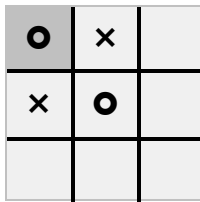


BXB-BOX-BBB

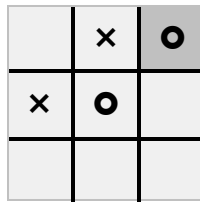


BXB-XOB-BBB

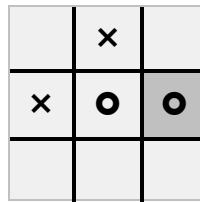
O plays next



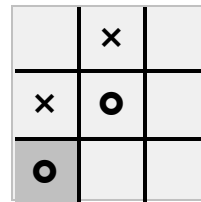
OXB-XOB-BBB



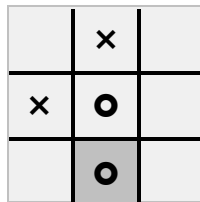
BXO-XOB-BBB



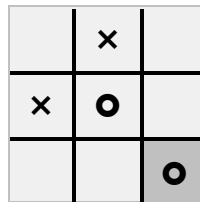
BXB-XOO-BBB



BXB-XOB-OBB

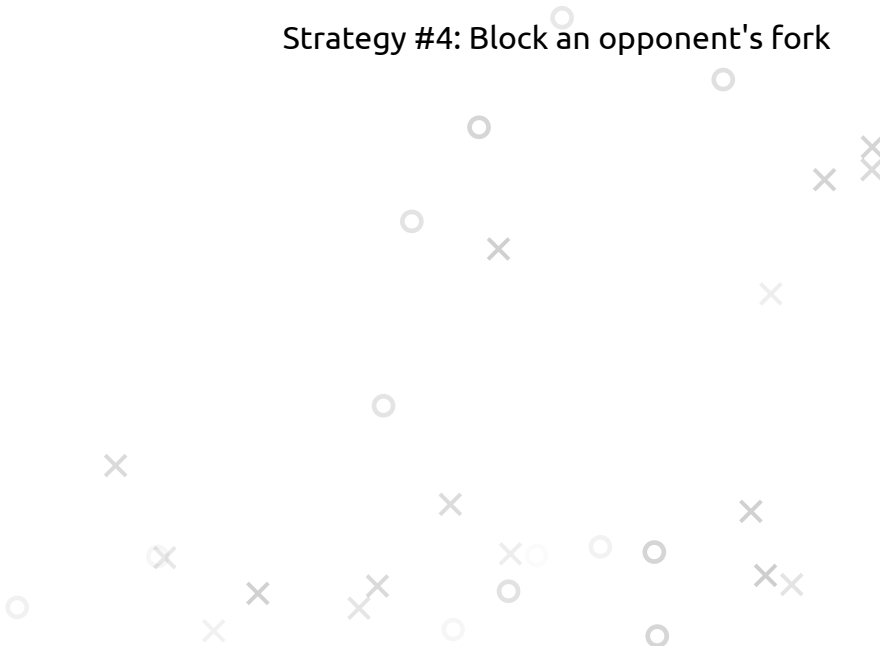


BXB-XOB-BOB



BXB-XOB-BBO

Strategy #4: Block an opponent's fork



X	O	X

BBB-XOX-BBB

	X	
	O	
	X	

BXB-BOB-BXB

O plays next

O	X	
	O	
	X	

OXB-BOB-BXB

	X	O
	O	
	X	

BXO-BOB-BXB

	X	
O	O	
	X	

BXB-OOB-BXB

	X	
	O	O
	X	

BXB-BOO-BXB

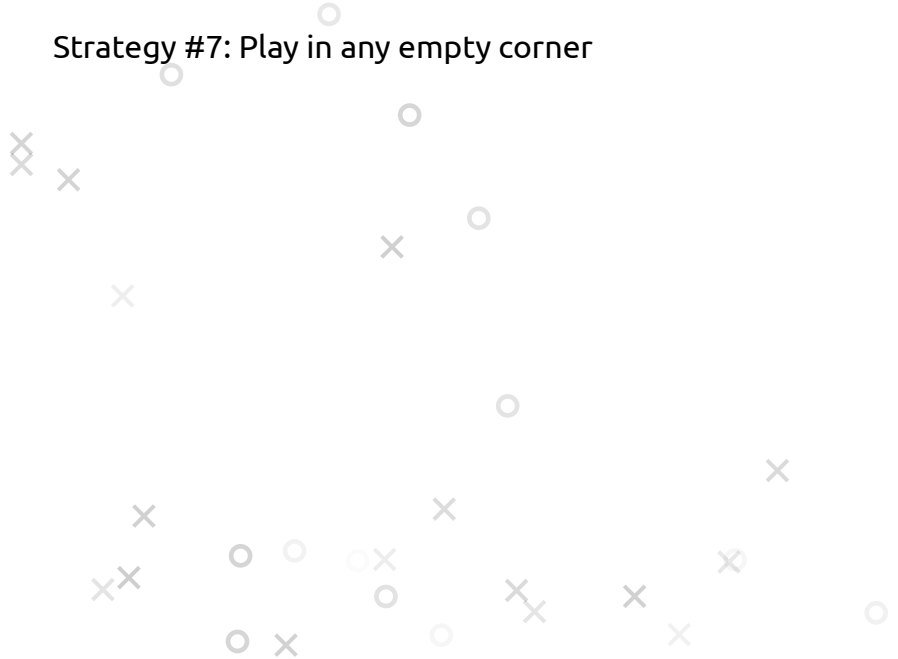
	X	
	O	
O	X	

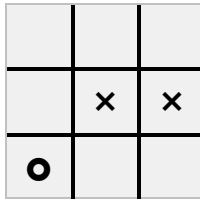
BXB-BOB-OXB

	X	
	O	
	X	O

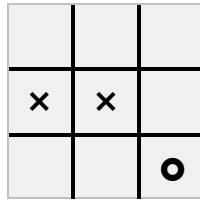
BXB-BOB-BXO

Strategy #7: Play in any empty corner

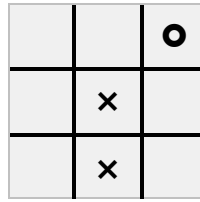




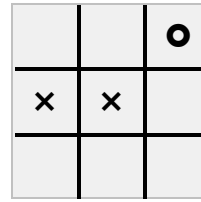
BBB-BXX-OB



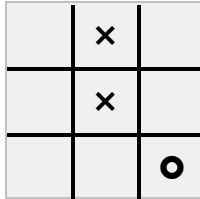
BBB-XXB-BO



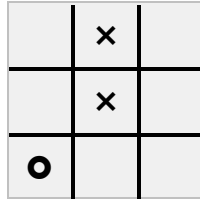
BBO-BXB-BXB



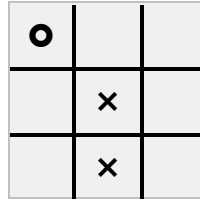
BBO-XXB-BBB



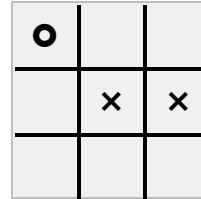
BXB-BXB-BBO



BXB-BXB-OB

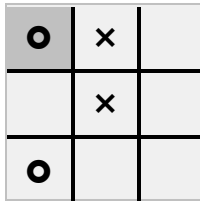


OB

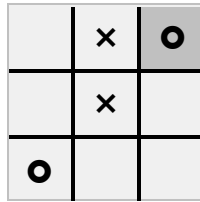


OB

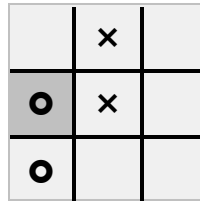
O plays next



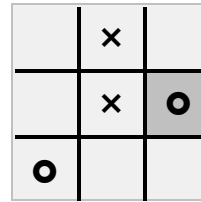
OXB-BXB-OB



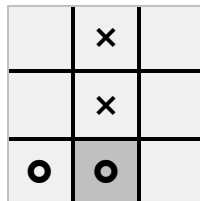
BXO-BXB-OB



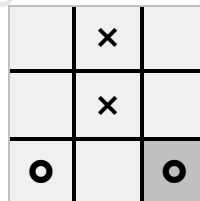
BXB-OXB-OB



BXB-BXO-OB



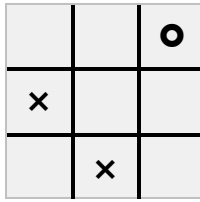
BXB-BXB-OB



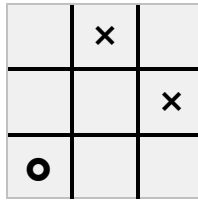
BXB-BXB-OB

Strategy #2: Block

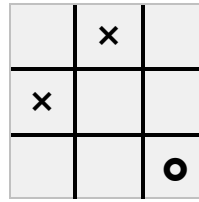




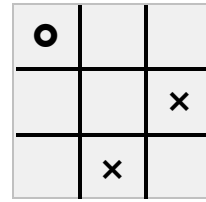
BBO-XBB-BXB



BXB-BBX-OB

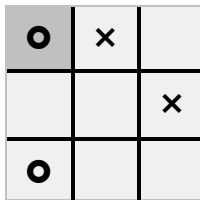


BXB-XBB-BBO

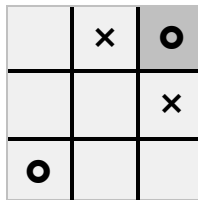


OB

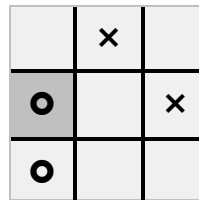
O plays next



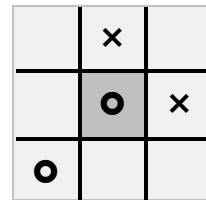
OXB-BBX-OB



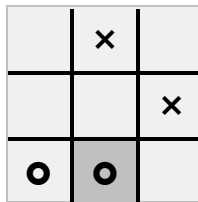
BXO-BBX-OB



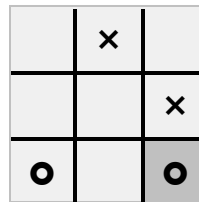
BXB-OBX-OB



BXB-BOX-OB



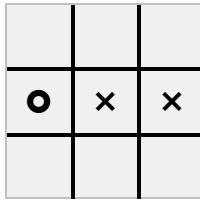
BXB-BBX-OOB



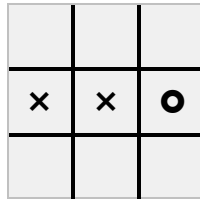
BXB-BBX-OBO

Strategy #4: Block an opponent's fork

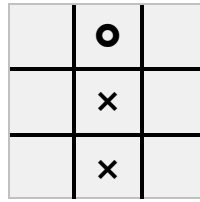




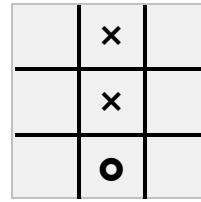
BBB-OXX-BBB



BBB-X XO-BBB

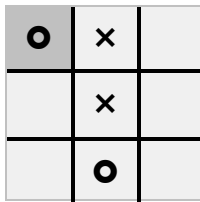


BOB-BXB-BXB

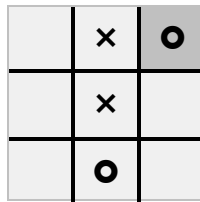


BXB-BXB-BOB

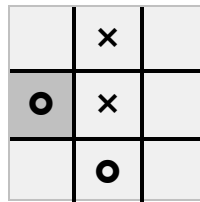
O plays next



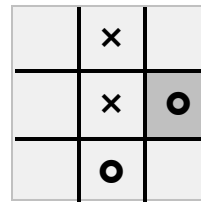
OXB-BXB-BOB



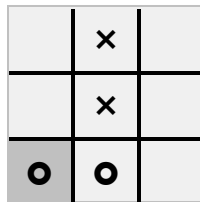
BXO-BXB-BOB



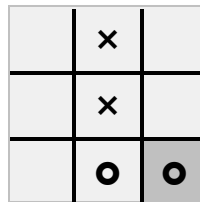
BXB-OXB-BOB



BXB-BXO-BOB

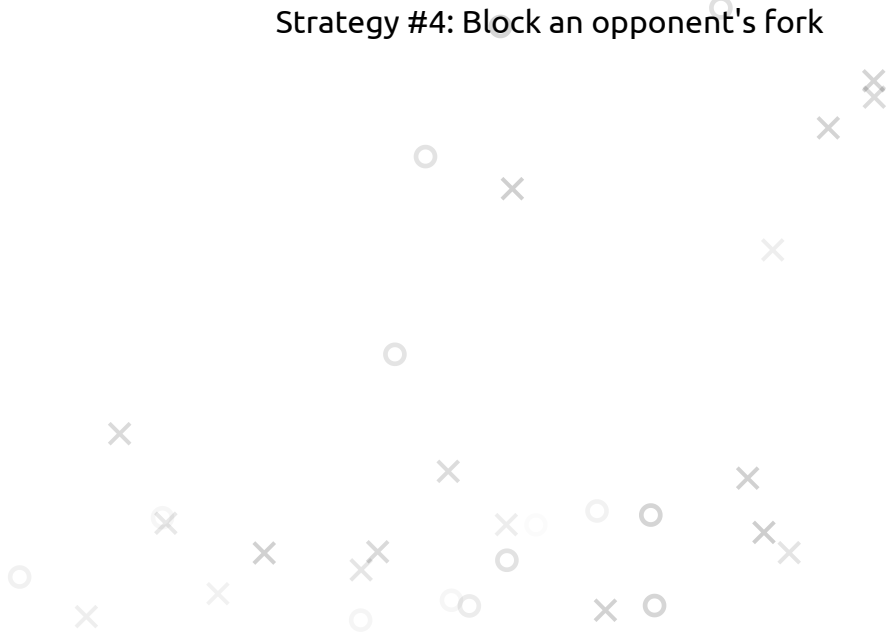


BXB-BXB-OOB



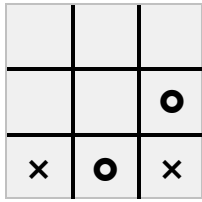
BXB-BXB-BOO

Strategy #4: Block an opponent's fork

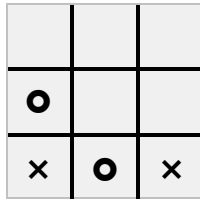


Round 4: O plays

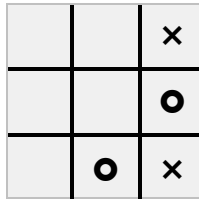




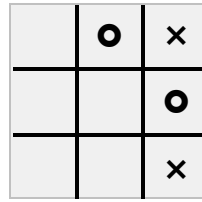
BBB-BBO-XOX



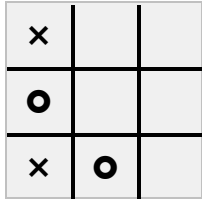
BBB-OBX-XOX



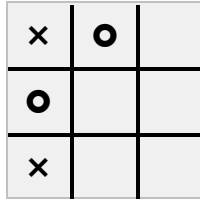
BBX-BBO-BOX



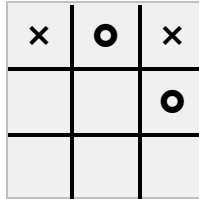
BOX-BBO-BBX



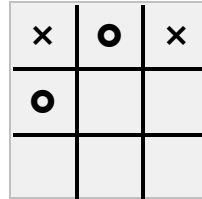
XBB-OBX-XOB



XOB-OBX-XBB

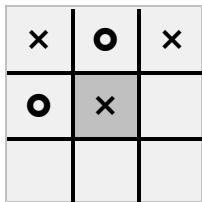


XOX-BBO-BBB

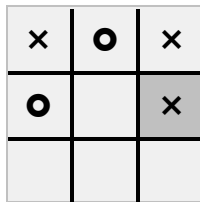


XOX-OBX-BBB

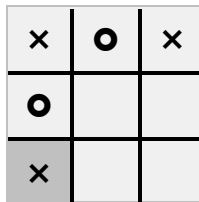
X plays next



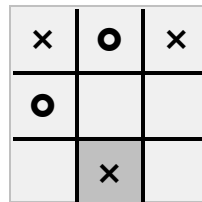
XOX-OBX-BBB



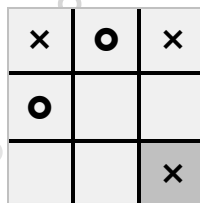
XOX-OBX-BBB



XOX-OBX-BBB



XOX-OBX-BBB



XOX-OBX-BBB

Strategy #3: Fork the game



BBB-BOB-XOX

	○	
×	○	×

BBB-BOB-XOX

		×
	○	○
		×

BBX-BOO-BBX

×		
○	○	
×		

XBB-OOB-XBB

×	○	×
	○	

XOX-BOB-BBB

X plays next

×	○	×
×	○	

XOX-XOB-BBB

×	○	×
	○	×

XOX-BOX-BBB

×	○	×
	○	
×		

XOX-BOB-XBB

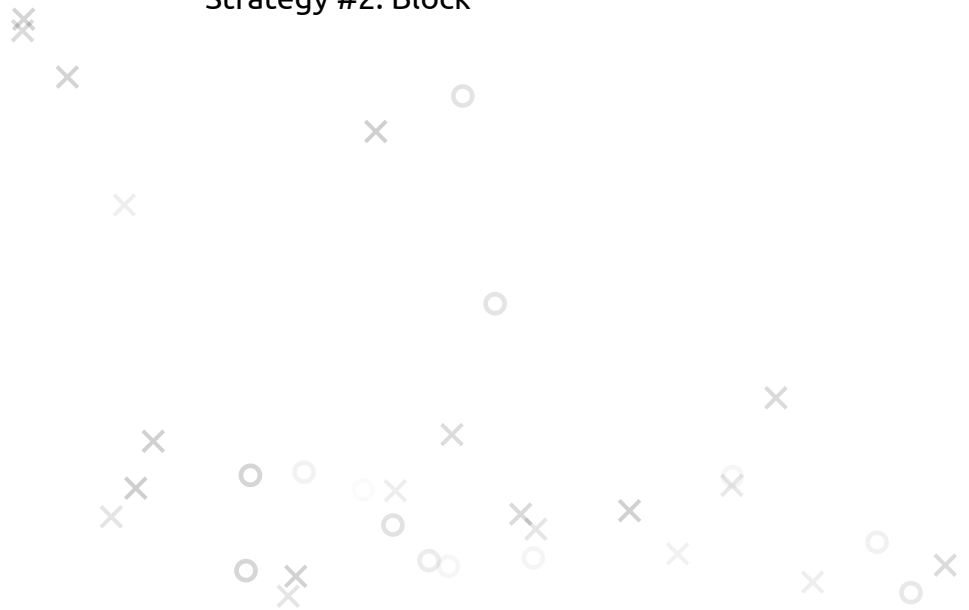
×	○	×
	○	
	×	

XOX-BOB-BXB

×	○	×
	○	
		×

XOX-BOB-BBX

Strategy #2: Block



		○
×	○	×

BBO-BBB-XOX

		×
		○
○		×

BBX-BBO-OBX

○		
×	○	×

OBB-BBB-XOX

○		×
		○
		×

OBX-BBO-BBX

×		
○		
×		○

XBB-OBX-XBO

×		○
○		
×		

XBO-OBX-XBB

×	○	×
		○

XOX-BBB-BBO

×	○	×
○		

XOX-BBB-OBX

X plays next

×	○	×
×		
○		

XOX-XBB-OBX

×	○	×
	×	
○		

XOX-BXB-OBX

×	○	×
		×
○		

XOX-BBX-OBX

×	○	×
○	×	

XOX-BBB-OXB

×	○	×
○		×

XOX-BBB-OBX

Strategy #3: Fork the game



		X
O		O
		X

BBX-OBO-BBX

	O	
X	O	X

BOB-BBB-XOX

X		
O		O
X		

XBB-OBO-XBB

X	O	X
	O	

XOX-BBB-BOB

X plays next

X	O	X
X		
	O	

XOX-XBB-BOB

X	O	X
	X	
	O	

XOX-BXB-BOB

X	O	X
		X
	O	

XOX-BBX-BOB

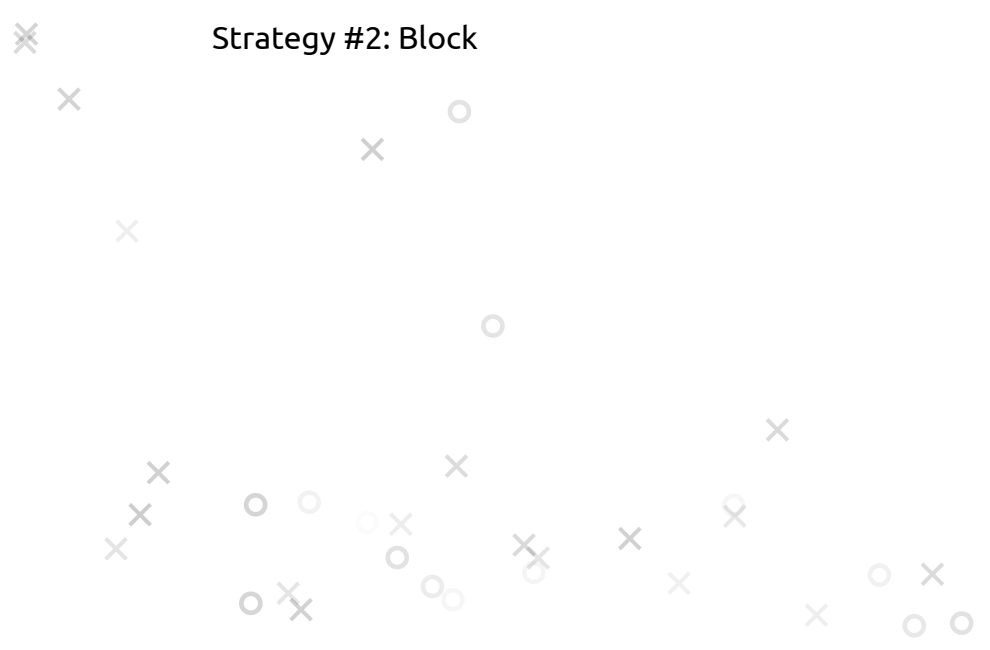
X	O	X
X	O	

XOX-BBB-XOB

X	O	X
	O	X

XOX-BBB-BOX

Strategy #2: Block



		X
O	O	X

BBB-BBX-OOX

X		
X	O	O

BBB-XBB-XOO

		O
		O
	X	X

BBO-BBO-BXX

	X	X
		O
		O

BXX-BBO-BBO

O		
O		
X	X	

OBB-OBX-XXB

O	O	X
		X

OOX-BBX-BBB

X	O	O
X		

XOO-XBB-BBB

X	X	
O		
O		

XXB-OBX-OBX

X plays next

X	O	O
X	X	

XOO-XXB-BBB

X	O	O
X		X

XOO-XBX-BBB

X	O	O
X		
X		

XOO-XBB-XBB

X	O	O
X		
	X	

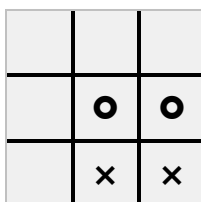
XOO-XBB-BXB

X	O	O
X		
		X

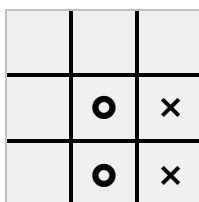
XOO-XBB-BBX

Strategy #1: Win

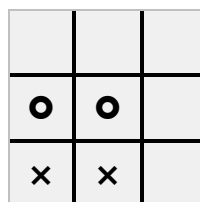




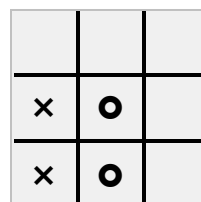
BBB-BOO-BXX



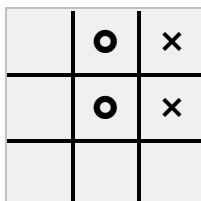
BBB-BOX-BOX



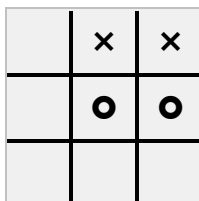
BBB-OOB-XXB



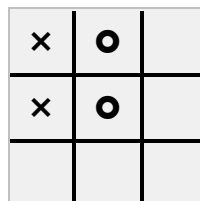
BBB-XOB-XOB



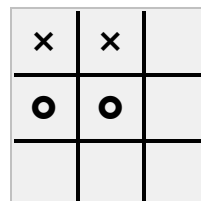
BOX-BOX-BBB



BXX-BOO-BBB

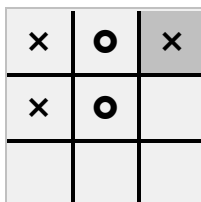


XOB-XOB-BBB

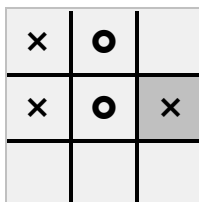


XXB-OOB-BBB

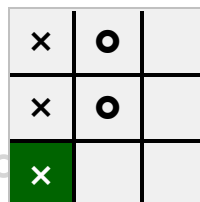
X plays next



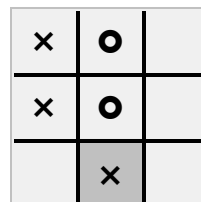
XOX-XOB-BBB



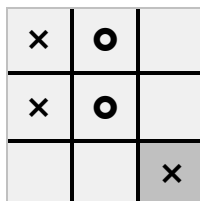
XOB-XOX-BBB



XOB-XOB-XBB



XOB-XOB-BXB



XOB-XOB-BBX

Strategy #1: Win ○



○		×
	○	×

BBB-OBX-BOX

×		○
×	○	

BBB-XBO-XOB

	○	
		○
	×	×

BOB-BBO-BXX

	○	
○		
×	×	

BOB-OBX-XXB

	○	×
○		×

BOX-OBX-BBB

	×	×
		○
	○	

BXX-BBO-BOB

×	○	
×		○

XOB-XBO-BBB

×	×	
○		
	○	

XXB-OBX-BOB

X plays next

×	○	×
×		○

XOX-XBO-BBB

×	○	
×	×	○

XOB-XXO-BBB

×	○	
×		○
×		

XOB-XBO-XBB

×	○	
×		○
	×	

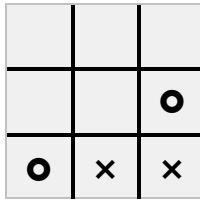
XOB-XBO-BXB

×	○	
×		○
		×

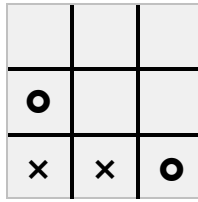
XOB-XBO-BBX

Strategy #1: Win

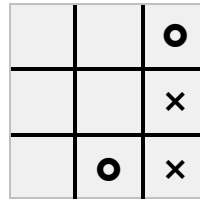




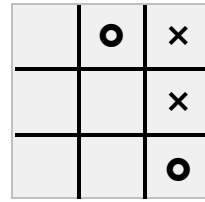
BBB-BBO-OXX



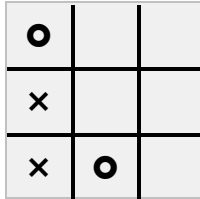
BBB-OBB-XXO



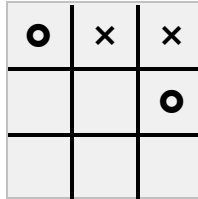
BBO-BBX-BOX



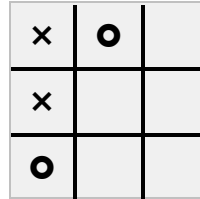
BOX-BBX-BBO



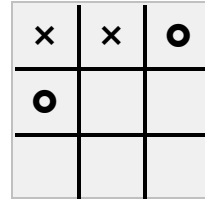
OBB-XBB-XOB



OXX-BBO-BBB

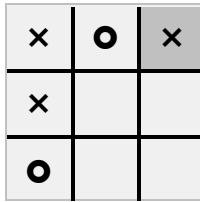


XOB-XBB-OB

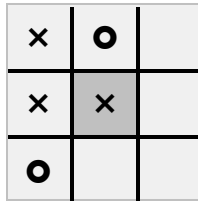


XXO-OBB-BBB

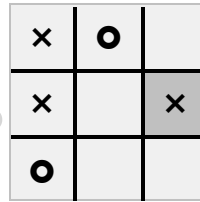
X plays next



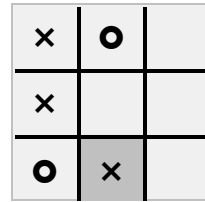
XOX-XBB-OB



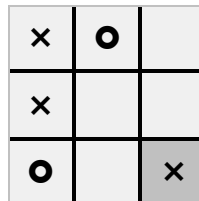
XOB-XXB-OB



XOB-XBX-OB



XOB-XBB-OB



XOB-XBB-OB

Strategy #4: Block an opponent's fork



○		○
	×	×

BBB-OBO-BXX

○		○
×	×	

BBB-OBO-XXB

	○	
		×
	○	×

BOB-BBX-BOX

	○	
×		
×	○	

BOB-XBB-XOB

	○	×
		×
	○	

BOX-BBX-BOB

	×	×
○		○

BXX-OBO-BBB

×	○	
×		
	○	

XOB-XBB-BOB

×	×	
○		○

XXB-OBO-BBB

X plays next

×	○	×
×		
	○	

XOX-XBB-BOB

×	○	
×	×	
	○	

XOB-XXB-BOB

×	○	
×		×
	○	

XOB-XBX-BOB

×	○	
×		
×	○	

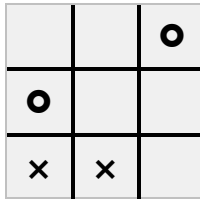
XOB-XBB-XOB

×	○	
×		
	○	×

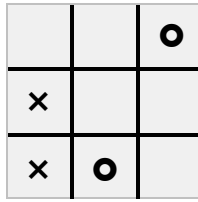
XOB-XBB-BOX

Strategy #1: Win

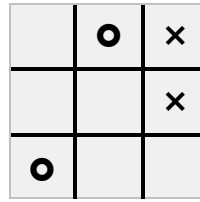




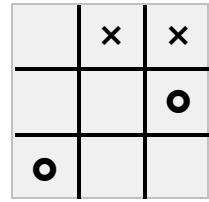
BBO-OBB-XXB



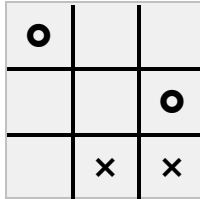
BBO-XBB-XOB



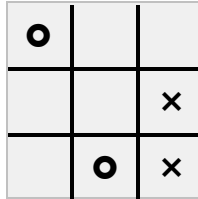
BOX-BBX-OBB



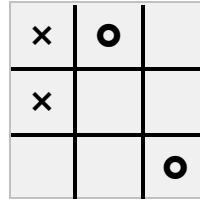
BXX-BBO-OBB



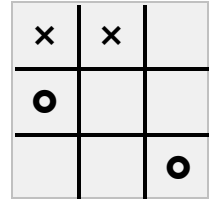
OBB-BBO-BXX



OBB-BBX-BOX

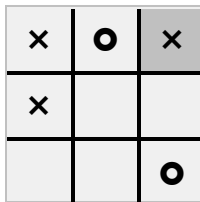


XOB-XBB-BBO

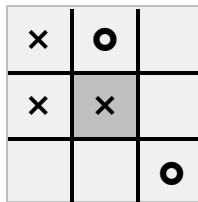


XXB-OBB-BBO

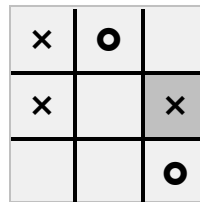
X plays next



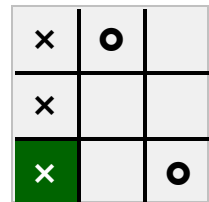
XOX-XBB-BBO



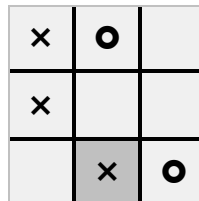
XOB-XXB-BBO



XOB-XBX-BBO

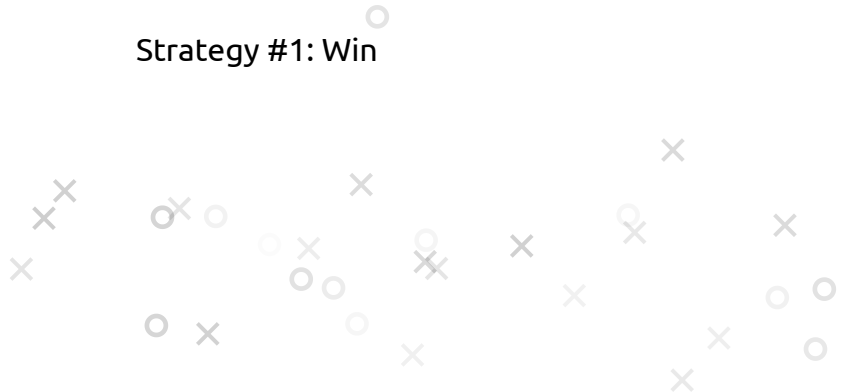


XOB-XBB-XBO



XOB-XBB-BXO

Strategy #1: Win



	X	
O	O	X

BBB-BXB-OOX

	X	
X	O	O

BBB-BXB-XOO

		O
	X	O
		X

BBO-BXO-BBX

		X
	X	O
		O

BBX-BXO-BBO

O		
O	X	
X		

OBB-OXB-XBB

O	O	X
	X	

OOX-BXB-BBB

X		
O	X	
O		

XBB-OXB-OB

X	O	O
	X	

XOO-BXB-BBB

X plays next

X	O	O
X	X	

XOO-XXB-BBB

X	O	O
	X	X

XOO-BXX-BBB

X	O	O
	X	
X		

XOO-BXB-XBB

X	O	O
	X	
	X	

XOO-BXB-BXB

X	O	O
	X	
		X

XOO-BXB-BBX

Strategy #1: Win



BBB-BXO-BOX

	X	O
	O	X

BBB-BXO-BOX

O	X	
X	O	

BBB-OXB-XOB

	O	X
	X	O

BOX-BXO-BBB

X	O	
O	X	

XOB-OXB-BBB

X plays next

X	O	X
O	X	

XOX-OXB-BBB

X	O	
O	X	X

XOB-OXX-BBB

X	O	
O	X	
X		

XOB-OXB-XBB

X	O	
O	X	
	X	

XOB-OXB-BXB

X	O	
O	X	
		X

XOB-OXB-BBX

Strategy #1: Win

	X	O
X	O	

BBB-BXO-XOB

O	X	
	O	X

BBB-OXB-BOX

		X
	X	O
	O	

BBX-BXO-BOB

	O	
	X	O
		X

BOB-BXO-BBX

	O	
O	X	
X		

BOB-OXB-XBB

	O	X
O	X	

BOX-OXB-BBB

X		
O	X	
	O	

XBB-OXB-BOB

X	O	
	X	O

XOB-BXO-BBB

X plays next

X	O	X
	X	O

XOX-BXO-BBB

X	O	
X	X	O

XOB-XXO-BBB

X	O	
	X	O
X		

XOB-BXO-XBB

X	O	
	X	O
	X	

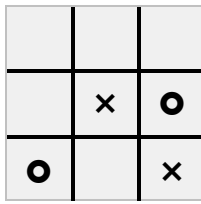
XOB-BXO-BXB

X	O	
	X	O
		X

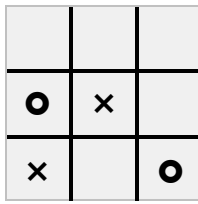
XOB-BXO-BBX

Strategy #1: Win

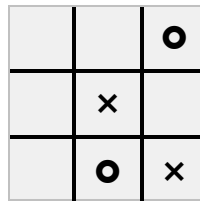




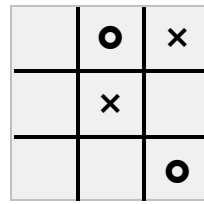
BBB-BXO-OBX



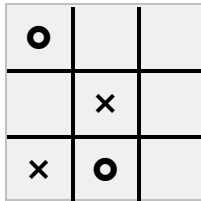
BBB-OXB-XBO



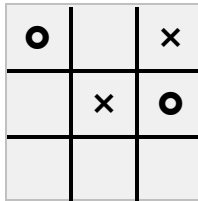
BBO-BXB-BOX



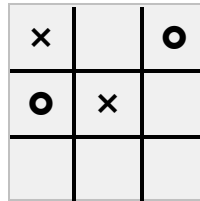
BOX-BXB-BBO



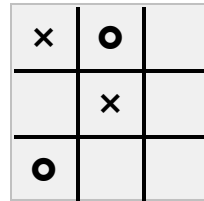
OBB-BXB-XOB



OBX-BXO-BBB

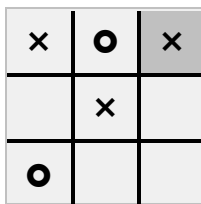


XBO-OXB-BBB

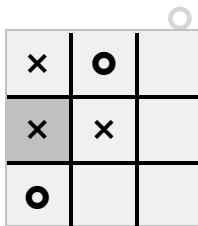


XOB-BXB-OBX

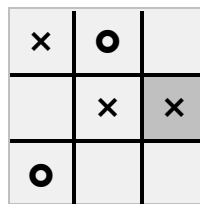
X plays next



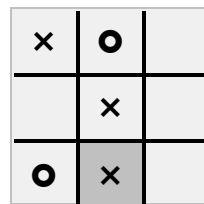
XOX-BXB-OBX



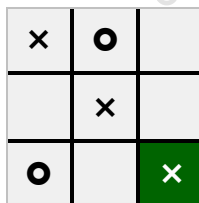
XOB-XXB-OBX



XOB-BXX-OBX



XOB-BXB-OBX



XOB-BXB-OBX

Strategy #1: Win



○	×	○
		×

BBB-OXO-BBX

○	×	○
×		

BBB-OXO-XBB

		×
○	×	○

BBX-OXO-BBB

	○	
	×	
	○	×

BOB-BXB-BOX

	○	
	×	
×	○	

BOB-BXB-XOB

	○	×
	×	
	○	

BOX-BXB-BOB

×		
○	×	○

XBB-OXO-BBB

×	○	
	×	
	○	

XOB-BXB-BOB

X plays next

×	○	×
	×	
	○	

XOX-BXB-BOB

×	○	
×	×	
	○	

XOB-XXB-BOB

×	○	
	×	×
	○	

XOB-BXX-BOB

×	○	
	×	
×	○	

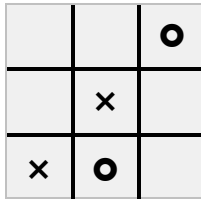
XOB-BXB-XOB

×	○	
	×	
	○	×

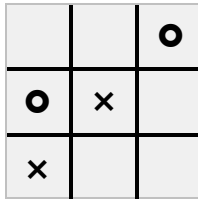
○ XOB-BXB-BOX

Strategy #1: Win

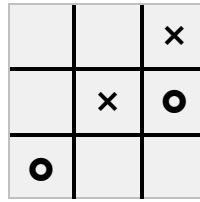




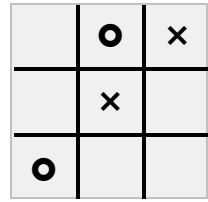
BBO-BXB-XOB



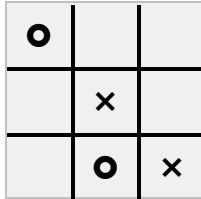
BBO-OXB-XBB



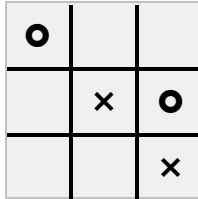
BBX-BXO-OB



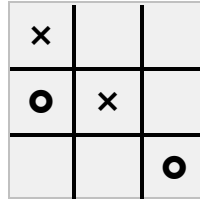
BOX-BXB-OB



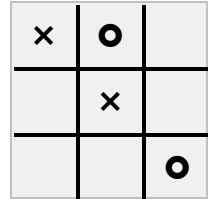
OBB-BXB-BOX



OBB-BXO-BBX

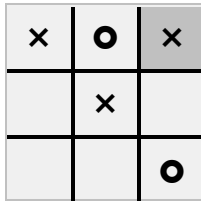


XBB-OXB-BBO

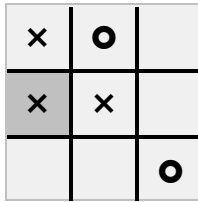


XOB-BXB-BBO

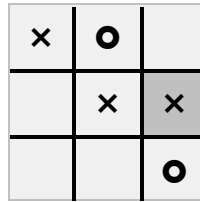
X plays next



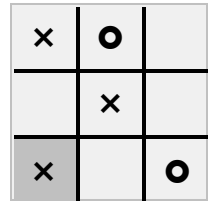
XOX-BXB-BBO



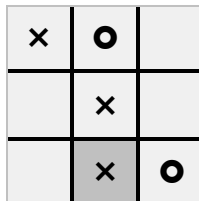
XOB-XXB-BBO



○ XOB-BXX-BBO



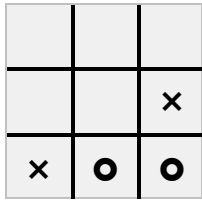
XOB-BXB-XBO



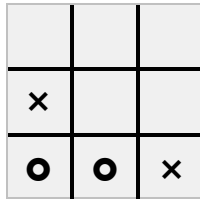
○ XOB-BXB-BXO

Strategy #3: Fork the game

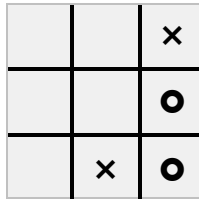




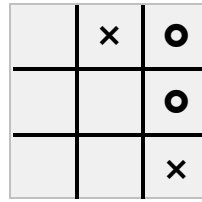
BBB-BBX-XOO



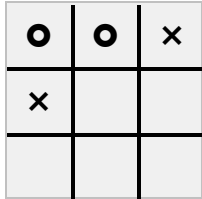
BBB-XBB-OOX



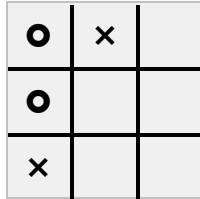
BBX-BBO-BXO



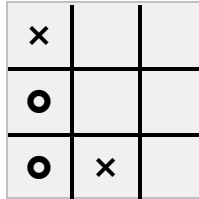
BXO-BBO-BBX



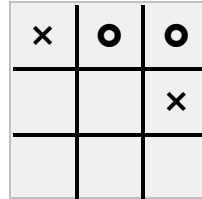
OOX-XBB-BBB



OXB-OBB-XBB

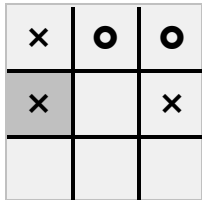


XBB-OBB-OXB

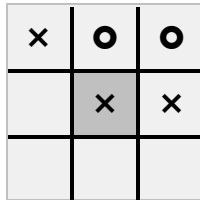


XOO-BBX-BBB

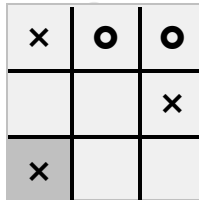
X plays next



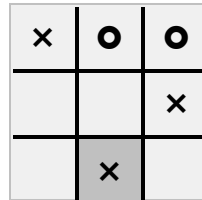
XOO-XBX-BBB



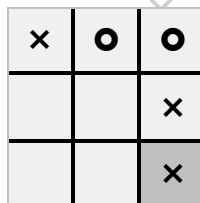
XOO-BXX-BBB



XOO-BBX-XBB



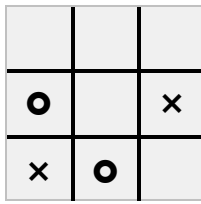
XOO-BBX-BXB



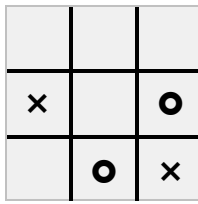
XOO-BBX-BBX

Strategy #3: Fork the game

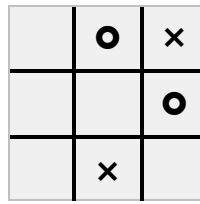




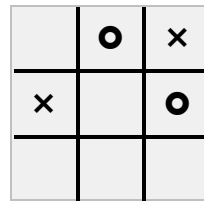
BBB-OBX-XOB



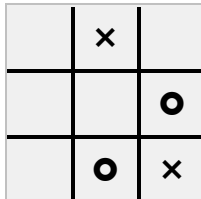
BBB-XBO-BOX



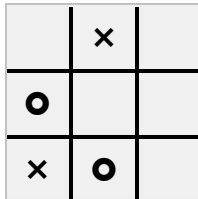
BOX-BBO-BXB



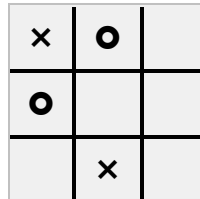
BOX-XBO-BBB



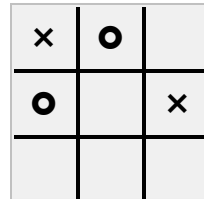
BXB-BBO-BOX



BXB-OBX-XOB

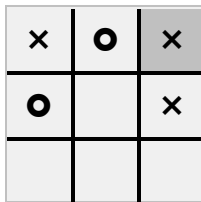


XOB-OBX-BXB

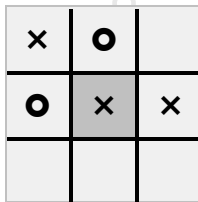


XOB-OBX-BBB

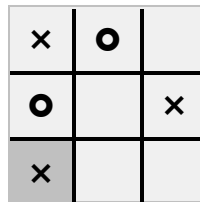
X plays next



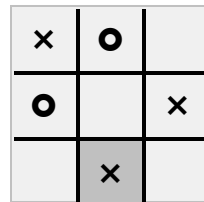
XOX-OBX-BBB



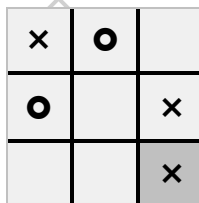
XOB-OXX-BBB



XOB-OBX-XBB



XOB-OBX-BXB



XOB-OBX-BBX

Strategy #3: Fork the game



	○	×
×	○	

BBB-BOX-XOB

×	○	
	○	×

BBB-XOB-BOX

		×
	○	○
	×	

BBX-BOO-BXB

	○	×
×	○	

BOX-XOB-BBB

	×	
	○	○
		×

BXB-BOO-BBX

	×	
○	○	
×		

BXB-OOB-XBB

×		
○	○	
	×	

XBB-OOB-BXB

×	○	
	○	×

XOB-BOX-BBB

X plays next

×	○	×
	○	×

XOX-BOX-BBB

×	○	
×	○	×

XOB-XOX-BBB

×	○	
	○	×
×		

XOB-BOX-XBB

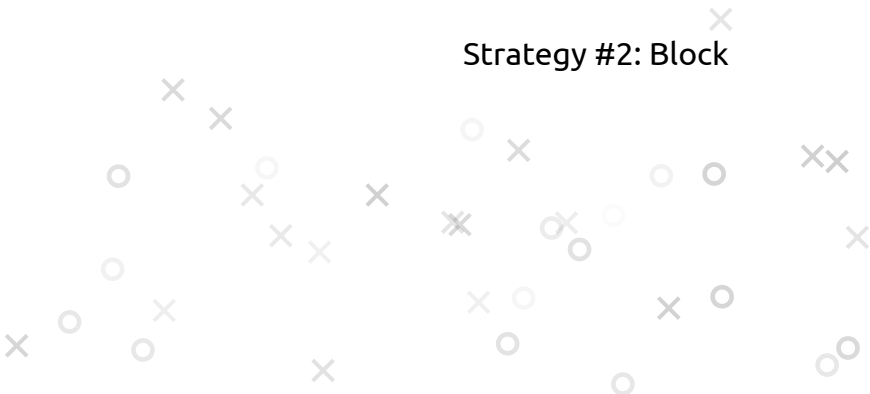
×	○	
	○	×
	×	

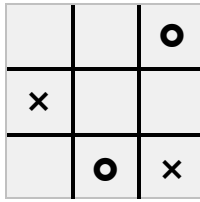
XOB-BOX-BXB

×	○	
	○	×
		×

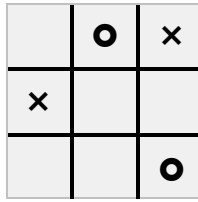
XOB-BOX-BBX

Strategy #2: Block

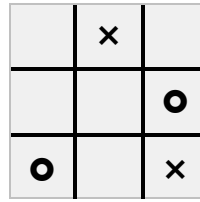




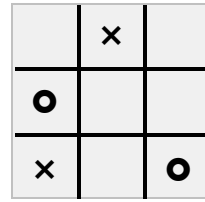
BBO-XBB-BOX



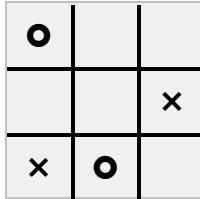
BOX-XBB-BBO



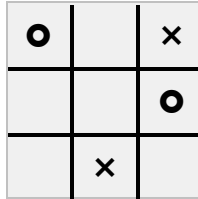
BXB-BBO-OBX



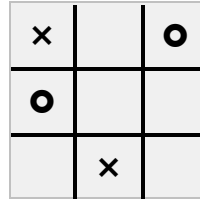
BXB-OBX-XBO



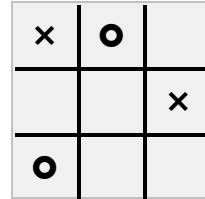
OBB-BBX-XOB



OBX-BBO-BXB

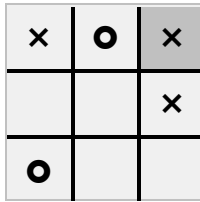


XBO-OBX-BXB

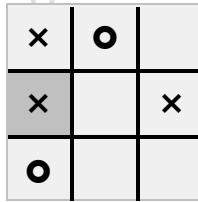


XOB-BBX-OBX

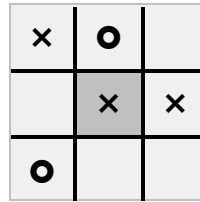
X plays next



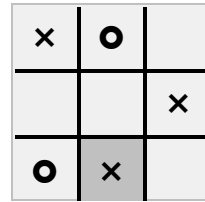
XOX-BBX-OBX



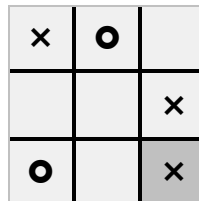
XOB-XBX-OBX



XOB-BXX-OBX



XOB-BBX-OXB



XOB-BBX-OBX

Strategy #3: Fork the game



		X
O		O
	X	

BBX-OBO-BXB

	O	
		X
X	O	

BOB-BBX-XOB

	O	
X		
	O	X

BOB-XBB-BOX

	O	X
X		
	O	

BOX-XBB-BOB

	X	
O		O
		X

BXB-OBO-BBX

	X	
O		O
X		

BXB-OBO-XBB

X		
O		O
	X	

XBB-OBO-BXB

X	O	
		X
	O	

XOB-BBX-BOB

X plays next

X	O	X
		X
	O	

XOX-BBX-BOB

X	O	
X		X
	O	

XOB-XBX-BOB

X	O	
	X	X
	O	

XOB-BXX-BOB

X	O	
		X
X	O	

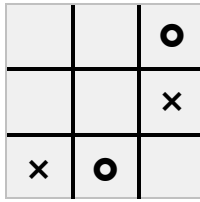
XOB-BBX-XOB

X	O	
		X
	O	X

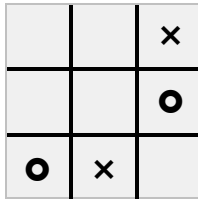
XOB-BBX-BOX

Strategy #2: Block

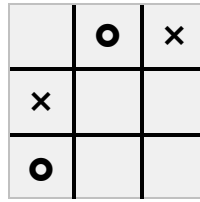




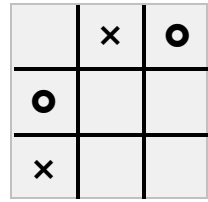
BBO-BBX-XOB



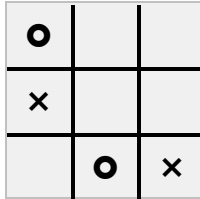
BBX-BBO-OXB



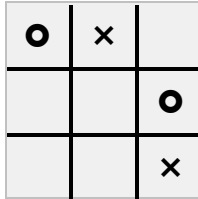
BOX-XBB-OB



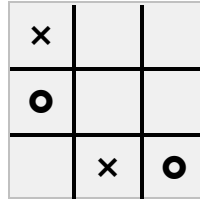
BXO-OBB-XBB



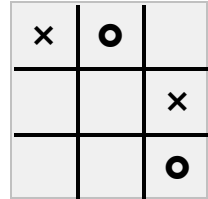
OBB-XBB-BOX



OXB-BBO-BBX

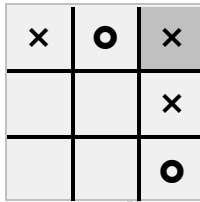


XBB-OB

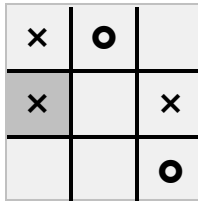


XOB-BBX-BBO

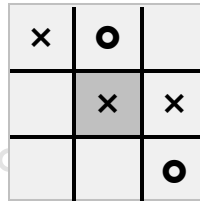
X plays next



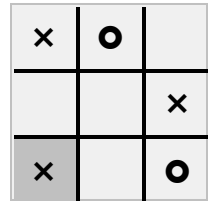
XOX-BBX-BBO



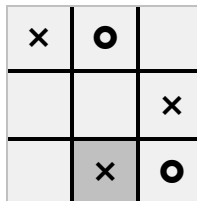
XOB-XBX-BBO



XOB-BXX-BBO

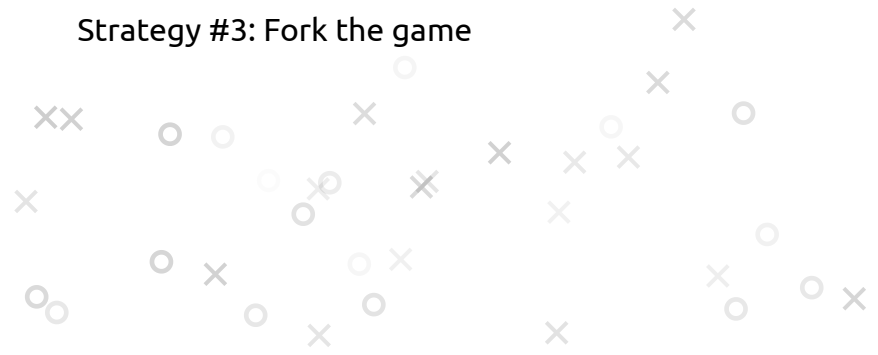


XOB-BBX-XBO



XOB-BBX-BXO

Strategy #3: Fork the game



		○
		○
×		×

BBO-BBO-XX

		×
○	○	×

BBX-BBB-OOX

○		
○		
×		×

OBB-OBB-XX

○	○	×
		×

OOX-BBB-BBX

×		
×	○	○

XBB-BBB-XOO

×		×
		○
		○

XXB-BBO-BBO

×		×
○		
○		

XXB-OBB-OBB

×	○	○
×		

XOO-BBB-XXB

X plays next

×	○	○
×		
×		

XOO-XXB-XXB

×	○	○
	×	
×		

XOO-XXB-XXB

×	○	○
		×
×		

XOO-BXB-XXB

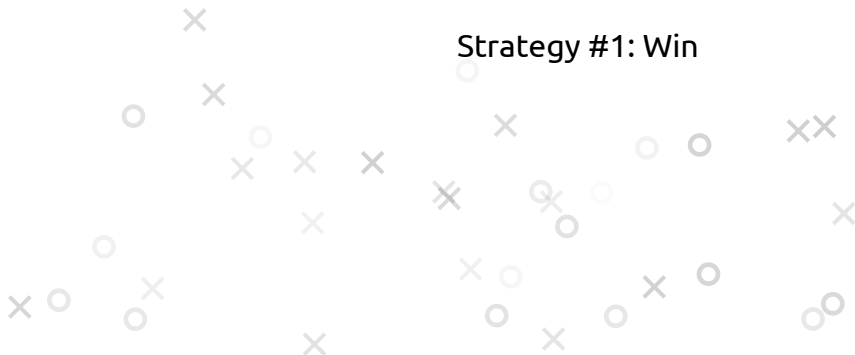
×	○	○
×	×	

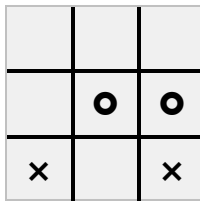
XOO-BBB-XXB

×	○	○
×		×

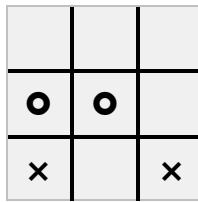
XOO-BBB-XXB

Strategy #1: Win

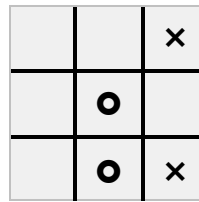




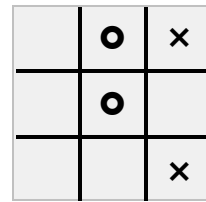
BBB-BOO-XBX



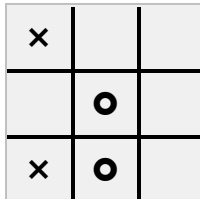
BBB-OOB-XBX



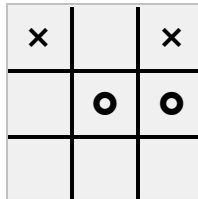
BBX-BOB-BOX



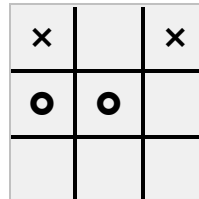
BOX-BOB-BBX



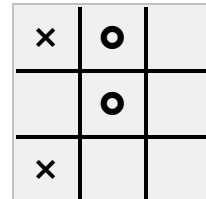
XBB-BOB-XOB



XBX-BOO-BBB

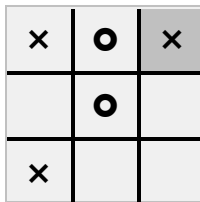


XBX-OOB-BBB

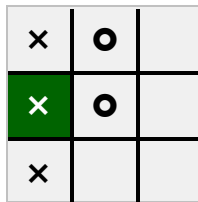


XOB-BOB-XBB

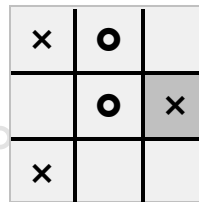
X plays next



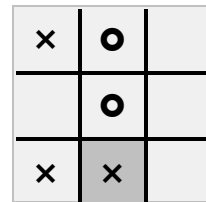
XOX-BOB-XBB



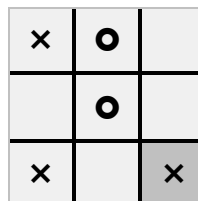
XOB-XOB-XBB



XOB-BOX-XBB

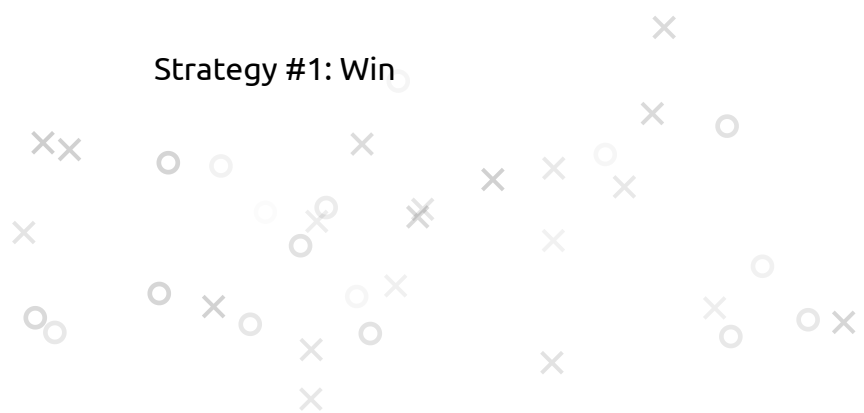


XOB-BOB-XXB



XOB-BOB-XBX

Strategy #1: Win



		X
O		
	O	X

BBX-OBB-BOX

	O	
		O
X		X

BOB-BBO-XXB

	O	
O		
X		X

BOB-OBB-XXB

	O	X
O		
		X

BOX-OBB-BBX

X		
		O
X	O	

XBB-BBO-XOB

X		X
		O
	O	

XXB-BBO-BOB

X		X
O		
	O	

XXB-OBB-BOB

X	O	
		O
X		

XOB-BBO-XXB

X plays next

X	O	X
		O
X		

XOX-BBO-XXB

X	O	
X		O
X		

XOB-XBO-XXB

X	O	
	X	O
X		

XOB-BXO-XXB

X	O	
		O
X	X	

XOB-BBO-XXB

X	O	
		O
X		X

XOB-BBO-XXB

Strategy #1: Win



BBB-OBO-XX

○		○
×		×

BBB-OBO-XX

	○	×
	○	×

BOB-BBB-BOB

×		×
○		○

XXB-OBO-BBB

×	○	
×	○	

XOB-BBB-XOB

X plays next

×	○	×
×	○	

XOX-BBB-XOB

×	○	
×		
×	○	

XOB-XBB-XOB

×	○	
	×	
×	○	

XOB-BXB-XOB

×	○	
		×
×	○	

XOB-BBX-XOB

×	○	
×	○	×

XOB-BBB-XOX

Strategy #1: Win

		○
○		
×		×

BBO-OBB-XBX

	○	×
○		×

BOX-BBB-OBX

○		
		○
×		×

OBB-BBO-XBX

○		×
	○	×

OBX-BBB-BOX

×		○
×	○	

XBO-BBB-XOB

×		×
		○
○		

XBX-BBO-OBX

×		×
○		
		○

XBX-OBB-BBO

×	○	
×		○

XOB-BBB-XBO

X plays next ○ ○

×	○	×
×		○

XOX-BBB-XBO

×	○	
×		
×		○

XOB-XBB-XBO

×	○	
	×	
×		○

XOB-BXB-XBO

×	○	
		×
×		○

XOB-BBX-XBO

×	○	
×	×	○

XOB-BBB-XXO

Strategy #1: Win



		○
×		○
		×

BBO-XBO-BBX

		×
×		○
		○

BBX-XBO-BBO

	×	
○	○	×

BXB-BBB-OOX

	×	
×	○	○

BXB-BBB-XOO

○		
○		×
×		

OBB-OBX-XBB

○	○	×
	×	

OOX-BBB-BXB

×		
○		×
○		

XBB-OBX-OB

×	○	○
	×	

XOO-BBB-BXB

○ X plays next

×	○	○
×		
	×	

XOO-XBB-BXB

×	○	○
	×	
	×	

XOO-BXB-BXB

×	○	○
		×
	×	

XOO-BBX-BXB

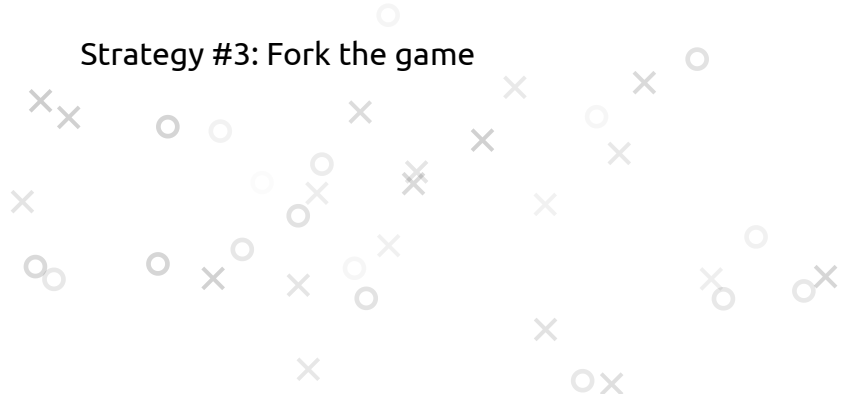
×	○	○
×	×	

XOO-BBB-XXB

×	○	○
	×	×

XOO-BBB-BXX

Strategy #3: Fork the game



○	○	×
×		

BBB-OOX-XBB

×	○	○
		×

BBB-XOO-BBX

		×
×	○	○

BBX-XOO-BBB

	○	×
	○	
	×	

BOX-BOB-BXB

	×	
	○	
	○	×

BXB-BOB-BOX

	×	
	○	
×	○	

BXB-BOB-XOB

×		
○	○	×

XBB-OOX-BBB

×	○	
	○	
	×	

XOB-BOB-BXB

X plays next

×	○	×
	○	
	×	

XOX-BOB-BXB

×	○	
×	○	
	×	

XOB-XOB-BXB

×	○	
	○	×
	×	

XOB-BOX-BXB

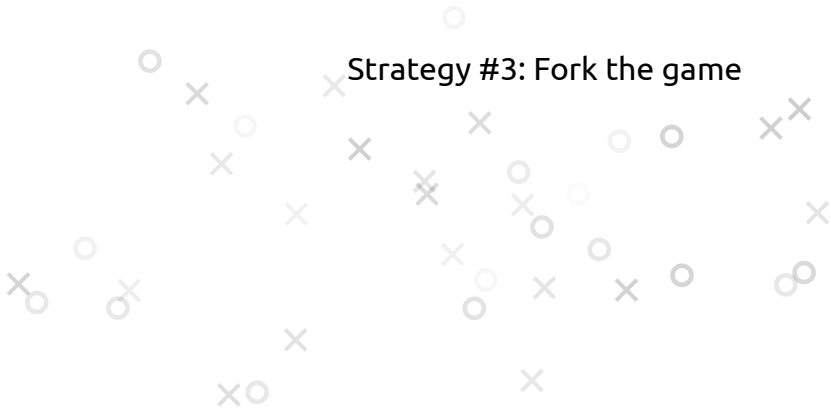
×	○	
	○	
×	×	

XOB-BOB-XXB

×	○	
	○	
	×	×

XOB-BOB-BXX

Strategy #3: Fork the game



		X
X		O
	O	

BBX-XBO-BOB

	O	
O		X
X		

BOB-OBX-XBB

	O	
X		O
		X

BOB-XBO-BBX

	O	X
O		
	X	

BOX-OBX-BXB

	X	
		O
X	O	

BXB-BBO-XOB

	X	
O		
	O	X

BXB-OBX-BOX

X		
O		X
	O	

XBB-OBX-BOB

X	O	
		O
	X	

XOB-BBO-BXB

X plays next

X	O	X
		O
	X	

XOX-BBO-BXB

X	O	
X		O
	X	

XOB-XBO-BXB

X	O	
	X	O
	X	

XOB-BXO-BXB

X	O	
		O
X	X	

XOB-BBO-XXB

X	O	
		O
	X	X

XOB-BBO-BXX

Strategy #3: Fork the game

○		×
×		○

BBB-OBX-XBO

×		○
○		×

BBB-XBO-OBX

	○	×
	×	○

BOX-BBB-BXO

	×	○
	○	×

BXO-BBB-BOX

○		×
×		○

OBX-XBO-BBB

○	×	
×	○	

OXB-BBB-XOB

×		○
○		×

XBO-OBX-BBB

×	○	
○	×	

XOB-BBB-OXB

X plays next

×	○	×
○	×	

XOX-BBB-OXB

×	○	
×		
○	×	

XOB-XBB-OXB

×	○	
	×	
○	×	

XOB-BXB-OXB

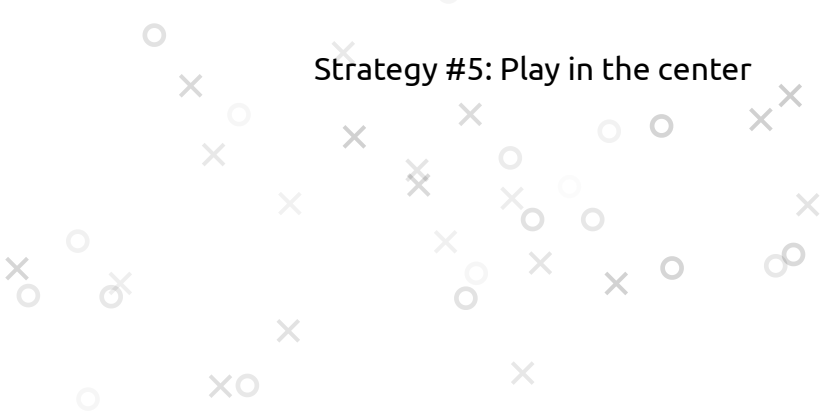
×	○	
		×
○	×	

XOB-BBX-OXB

×	○	
○	×	×

XOB-BBB-OXX

Strategy #5: Play in the center



		○
○		×
×		

BBO-OBX-XBB

		×
×		○
○		

BBX-XBO-OB

	○	×
○	×	

BOX-BBB-OXB

	×	○
×	○	

BXO-BBB-XOB

○		
×		○
		×

OBB-XBO-BBX

○	×	
	○	×

OXB-BBB-BOX

×		
○		×
		○

XBB-OBX-BBO

×	○	
	×	○

XOB-BBB-BXO

X plays next

×	○	×
	×	○

XOX-BBB-BXO

×	○	
×		
	×	○

XOB-XBB-BXO

×	○	
	×	
	×	○

XOB-BXB-BXO

×	○	
		×
	×	○

XOB-BBX-BXO

×	○	
×	×	○

XOB-BBB-XXO

Strategy #5: Play in the center

		X
X	O	O

BBX-BBB-XOO

		X
		O
X		O

BBX-BBO-XBO

O		X
O		
X		

OBX-OBX-XBB

O	O	X
X		

OOX-BBB-XBB

X		
O	O	X

XBB-BBB-OOX

X		
O		
O		X

XBB-OBX-OBX

X		O
		O
		X

XBO-BBO-BBX

X	O	O
		X

XOO-BBB-BBX

X plays next

X	O	O
X		
		X

XOO-XBB-BBX

X	O	O
	X	
		X

XOO-BXB-BBX

X	O	O
		X
		X

XOO-BBX-BBX

X	O	O
X		X

XOO-BBB-XBX

X	O	O
	X	X

XOO-BBB-BXX

Strategy #1: Win



		X
O		
X	O	

BBX-OBB-XOB

	O	X
		O
X		

BOX-BBO-XBB

X		
		O
	O	X

XBB-BBO-BOX

X	O	
O		
		X

XOB-OBB-BBX

X plays next

X	O	X
O		
		X

XOX-OBB-BBX

X	O	
O	X	
		X

XOB-OXB-BBX

X	O	
O		X
		X

XOB-OBX-BBX

X	O	
O		
X		X

XOB-OBB-XBX

X	O	
O		
	X	X

XOB-OBB-BXX

Strategy #1: Win



		X
	O	
X	O	

BBX-BOB-XOB

		X
	O	O
X		

BBX-BOO-XBB

		X
O	O	
X		

BBX-OOB-XBB

	O	X
	O	
X		

BOX-BOB-XBB

X		
	O	
	O	X

XBB-BOB-BOX

X		
	O	O
		X

XBB-BOO-BBX

X		
O	O	
		X

XBB-OOB-BBX

X	O	
	O	
		X

XOB-BOB-BBX



X plays next

X	O	X
	O	
		X

XOX-BOB-BBX

X	O	
X	O	
		X

XOB-XOB-BBX

X	O	
	O	X
		X

XOB-BOX-BBX

X	O	
	O	
X		X

XOB-BOB-XBX

X	O	
	O	
	X	X

XOB-BOB-BXX

Strategy #2: Block



		X
		O
X	O	

BBX-BBO-XOB

	O	X
O		
X		

BOX-OBB-XBB

X		
O		
	O	X

XBB-OBB-BOX

X	O	
		O
		X

XOB-BBO-BBX



X plays next

X	O	X
		O
		X

XOX-BBO-BBX

X	O	
X		O
		X

XOB-XBO-BBX

X	O	
	X	O
		X

XOB-BXO-BBX

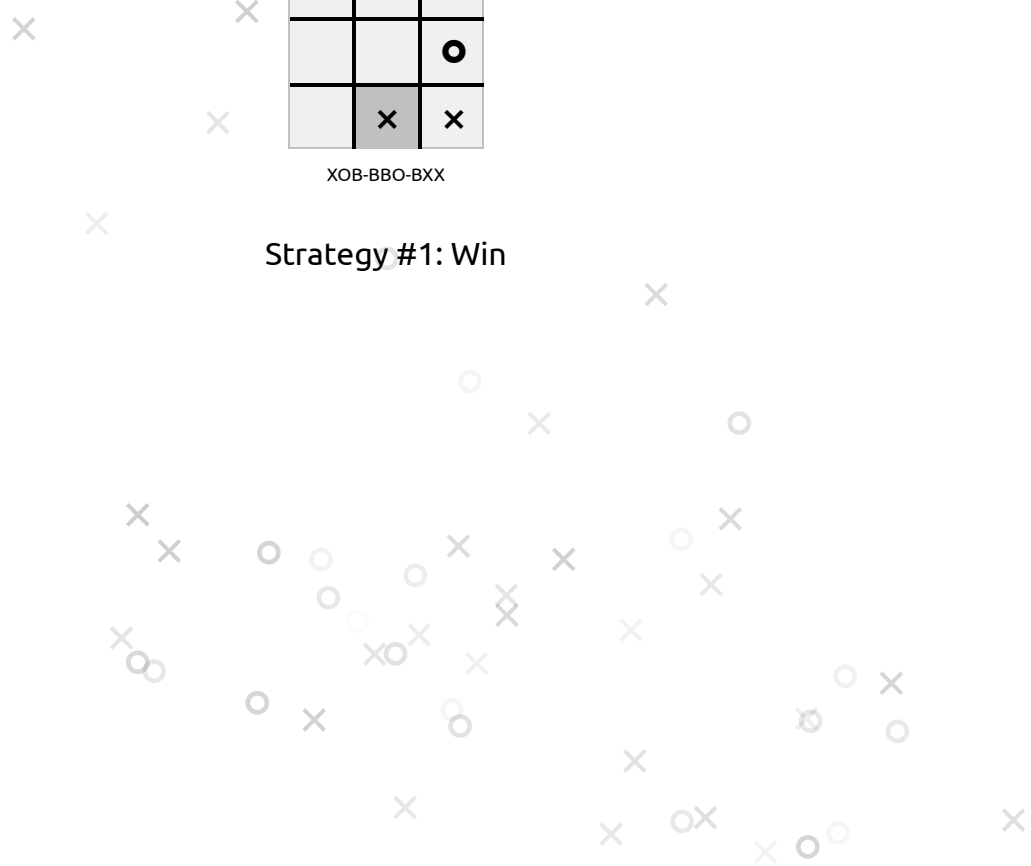
X	O	
		O
X		X

XOB-BBO-XBX

X	O	
		O
	X	X

XOB-BBO-BXX

Strategy #1: Win



		X
O		
X		O

BBX-OBB-XBO

	O	X
X		O

BOX-BBB-XBO

O		X
X	O	

OBX-BBB-XOB

O		X
		O
X		

OBX-BBO-XBB

X		
		O
O		X

XBB-BBO-OBX

X		O
	O	X

XBO-BBB-BOX

X		O
O		
		X

XBO-OBX-BBX

X	O	
O		X

XOB-BBB-OBX

X plays next

X	O	X
O		X

XOX-BBB-OBX

X	O	
X		
O		X

XOB-XBB-OBX

X	O	
	X	
O		X

XOB-BXB-OBX

X	O	
		X
O		X

XOB-BBX-OBX

X	O	
O	X	X

XOB-BBB-OXX

Strategy #1: Win

		X
O		O
X		

BBX-OBO-XBB

	O	X
X	O	

BOX-BBB-XOB

X		
O		O
		X

XBB-OBO-BBX

X	O	
	O	X

XOB-BBB-BOX

X plays next

X	O	X
	O	X

XOX-BBB-BOX

X	O	
X		
	O	X

XOB-XBB-BOX

X	O	
	X	
	O	X

XOB-BXB-BOX

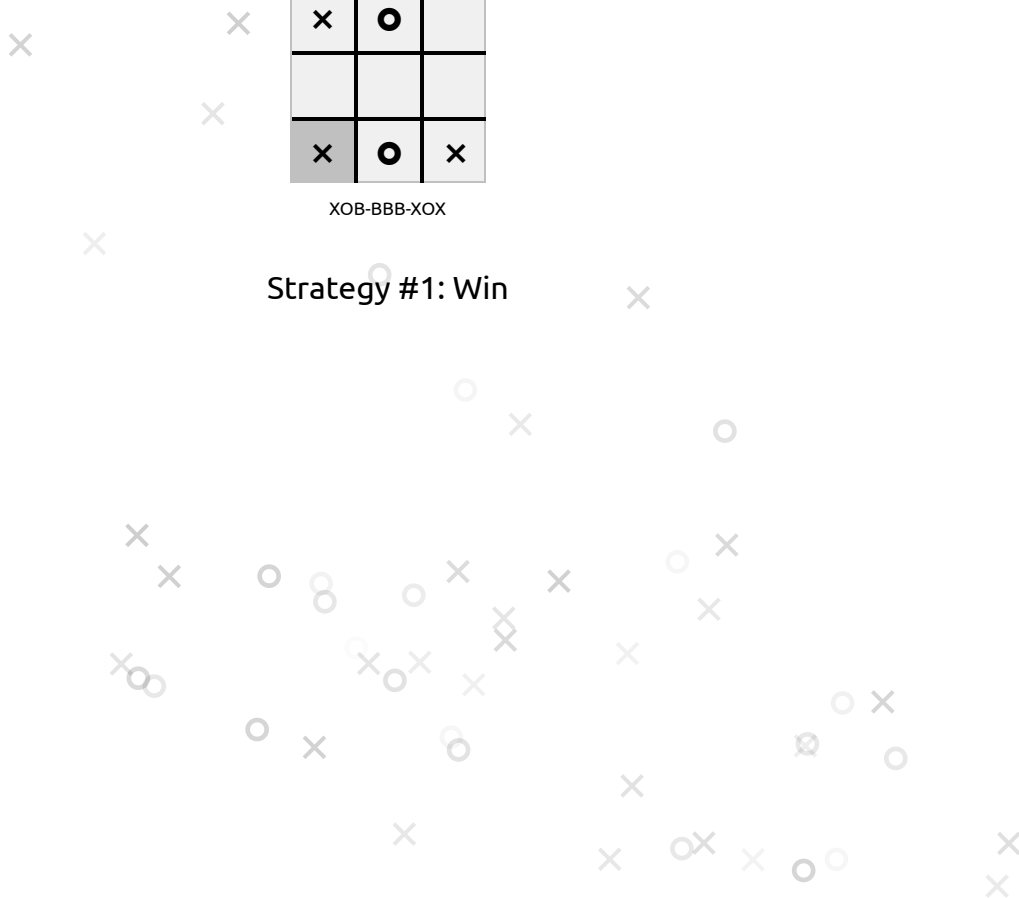
X	O	
		X
	O	X

XOB-BBX-BOX

X	O	
X	O	X

XOB-BBB-XOX

Strategy #1: Win



	○	
○	×	×

BBB-BOB-OXX

	○	
×	×	○

BBB-BOB-XXO

		○
	○	×
		×

BBO-BOX-BBX

		×
	○	×
		○

BBX-BOX-BBO

○		
×	○	
×		

OBB-XOB-XBB

○	×	×
	○	

OXX-BOB-BBB

×		
×	○	
○		

XBB-XOB-OB

×	×	○
	○	

XXO-BOB-BBB

X plays next

×	×	○
×	○	

XXO-XOB-BBB

×	×	○
	○	×

XXO-BOX-BBB

×	×	○
	○	
×		

XXO-BOB-XBB

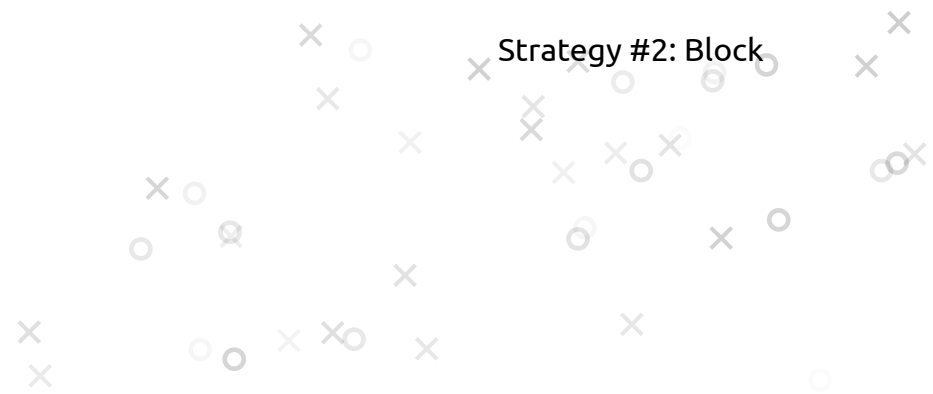
×	×	○
	○	
	×	

XXO-BOB-BXB

×	×	○
	○	
		×

XXO-BOB-BBX

Strategy #2: Block



		○
×	×	○

BBB-BBO-XXO

○		
○	×	×

BBB-OBB-OXX

		×
		×
	○	○

BBX-BBX-BOO

	○	○
		×
		×

BOO-BBX-BBX

○	○	
×		
×		

OOB-XBB-XBB

○	×	×
○		

OXX-OBB-BBB

×		
×		
○	○	

XBB-XBB-OOB

×	×	○
		○

XXO-BBO-BBB

X plays next

×	×	○
×		○

XXO-XBO-BBB

×	×	○
	×	○

XXO-BXO-BBB

×	×	○
		○
×		

XXO-BBO-XBB

×	×	○
		○
	×	

XXO-BBO-BBX

×	×	○
		○
		×

XXO-BBO-BBX

Strategy #2: Block

		○
○	×	×

BBO-BBB-OXX

		○
		×
○		×

BBO-BBX-OBX

○		
×	×	○

OBB-BBB-XXO

○		
×		
×		○

OBB-XBB-XBO

○		×
		×
		○

OBX-BBX-BBO

○	×	×
		○

OXX-BBB-BBO

×		○
×		
○		

XBO-XBB-OBX

×	×	○
○		

XXO-BBB-OBX

X plays next

×	×	○
×		
○		

XXO-XBB-OBX

×	×	○
	×	
○		

XXO-BXB-OBX

×	×	○
		×
○		

XXO-BBX-OBX

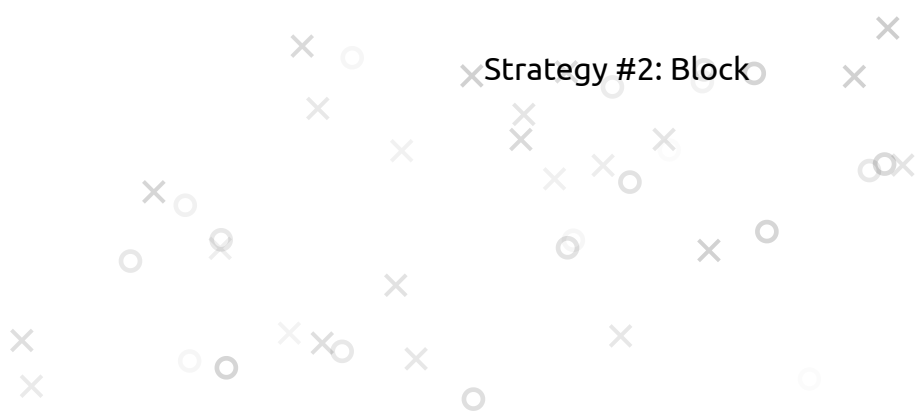
×	×	○
○	×	

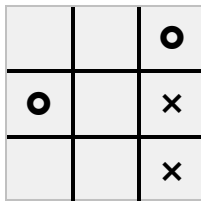
XXO-BBB-OXB

×	×	○
○		×

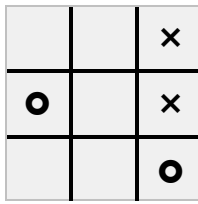
XXO-BBB-OBX

Strategy #2: Block

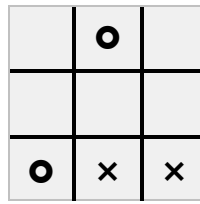




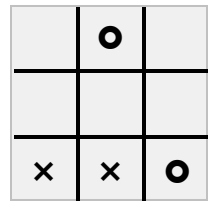
BBO-OBX-BBX



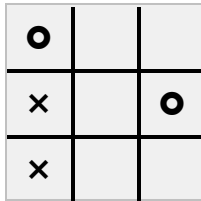
BBX-OBX-BBO



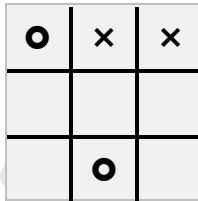
BOB-BBB-OXX



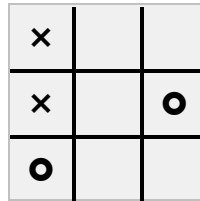
BOB-BBB-XXO



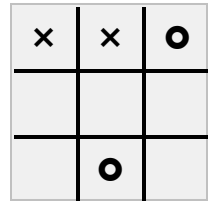
OBB-XBO-XBB



OXX-BBB-BOB

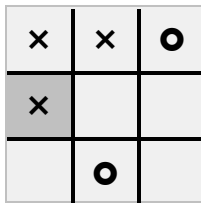


XBB-XBO-OB

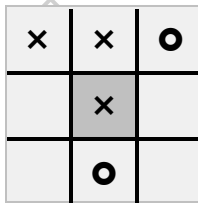


XXO-BBB-BOB

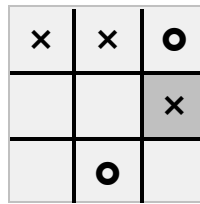
X plays next



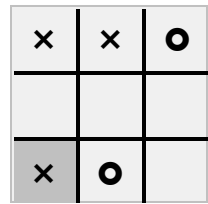
XXO-XBB-BOB



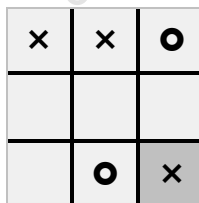
XXO-BXB-BOB



XXO-BBX-BOB

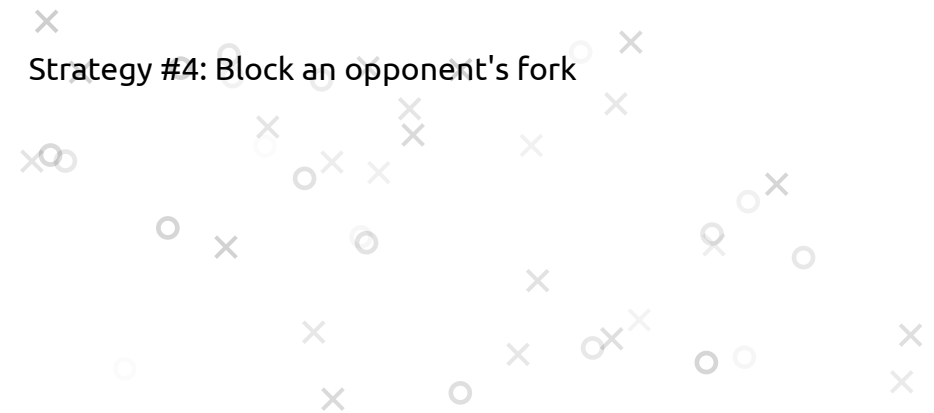


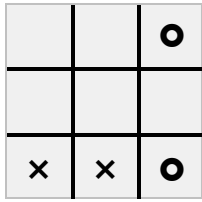
XXO-BBB-XOB



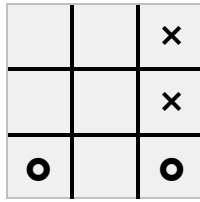
XXO-BBB-BOX

Strategy #4: Block an opponent's fork

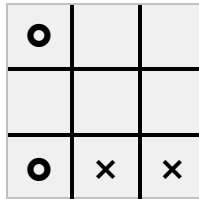




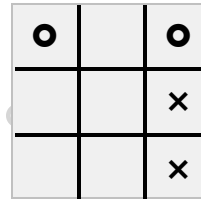
BBO-BBB-XXO



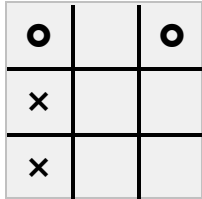
BBX-BBX-OBO



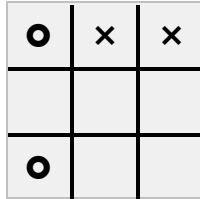
OBB-BBB-OXX



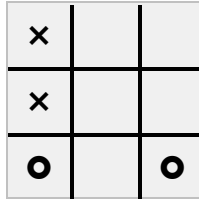
OBO-BBX-BBX



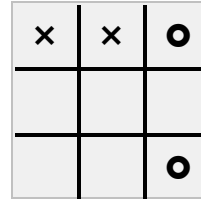
OBO-XBB-XBB



OXX-BBB-OB

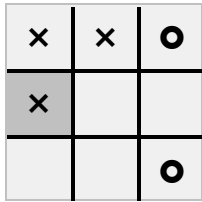


XBB-XBB-OBO

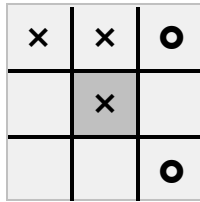


XXO-BBB-BBO

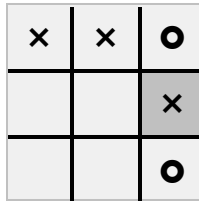
X plays next



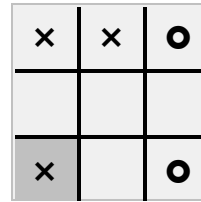
XXO-XBB-BBO



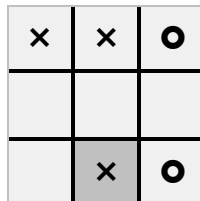
XXO-BXB-BBO



XXO-BBX-BBO

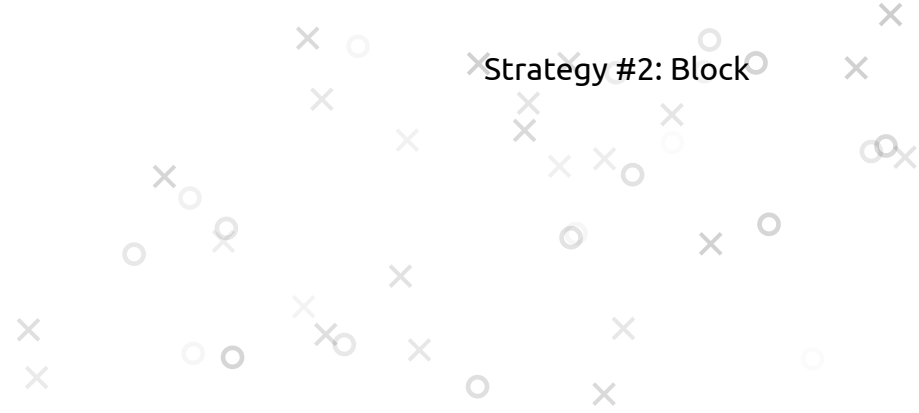


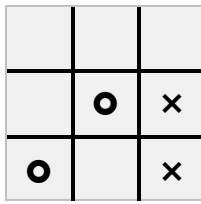
XXO-BBB-XBO



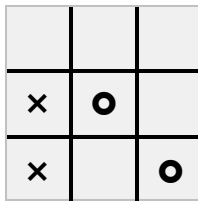
XXO-BBB-BXO

Strategy #2: Block

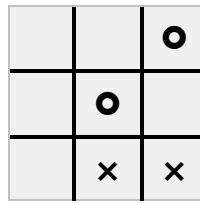




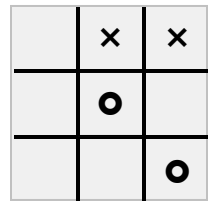
BBB-BOX-OBX



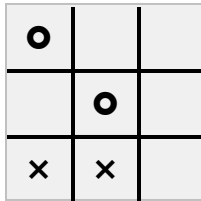
BBB-XOB-XBO



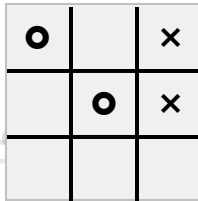
BBO-BOB-BXX



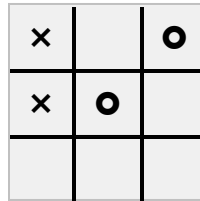
BXX-BOB-BBO



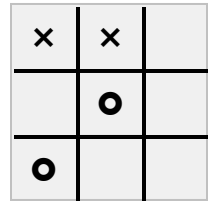
OBB-BOB-XXB



OBX-BOX-BBB

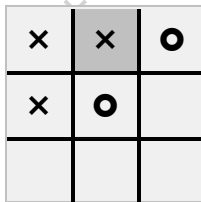


XBO-XOB-BBB

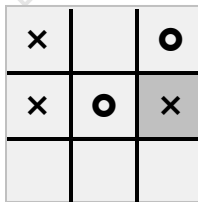


XXB-BOB-OB

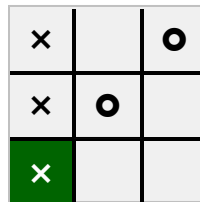
X plays next



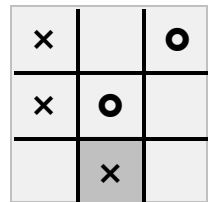
XXO-XOB-BBB



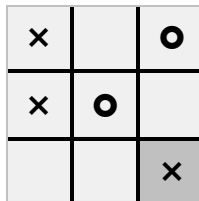
XBO-XOX-BBB



XBO-XOB-XBB



XBO-XOB-BXB



XBO-XOB-BBX

Strategy #1: Win

○		×
○		×

BBB-OBX-OBX

×		○
×		○

BBB-XBO-XBO

	○	○
	×	×

BOO-BBB-BXX

	×	×
	○	○

BXX-BBB-BOO

○		×
○		×

OBX-OBX-BBB

○	○	
×	×	

OOB-BBB-XXB

×		○
×		○

XBO-XBO-BBB

×	×	
○	○	

XXB-BBB-OOB

X plays next

×	×	○
×		○

XXO-XBO-BBB

×		○
×	×	○

XBO-XXO-BBB

×		○
×		○
×		

XBO-XBO-XBB

×		○
×		○
	×	

XBO-XBO-BXB

×		○
×		○
		×

XBO-XBO-BBX

Strategy #1: Win

		○
○		
	×	×

BBO-OBB-BXX

	○	
		×
○		×

BOB-BBX-OBX

	○	
×		
×		○

BOB-XBB-XBO

	×	×
○		
		○

BXX-OBB-BBO

○		
		○
×	×	

OBB-BBO-XXB

○		×
		×
	○	

OBX-BBX-BOB

×		○
×		
	○	

XBO-XBB-BOB

×	×	
		○
○		

XXB-BBO-OBX

X plays next

×	×	○
×		
	○	

XXO-XBB-BOB

×		○
×	×	
	○	

XBO-XXB-BOB

×		○
×		×
	○	

XBO-XBX-BOB

×		○
×		
×	○	

XBO-XBB-XOB

×		○
×		
	○	×

XBO-XBB-BOX

Strategy #1: Win



		○
×		
×		○

BBO-XBB-XBO

	×	×
○		○

BXX-BBB-OBO

○		
		×
○		×

OBB-BBX-OBX

○		○
	×	×

OBO-BBB-BXX

○		○
×	×	

OBO-BBB-XXB

○		×
		×
○		

OBX-BBX-OB

×		○
×		
		○

XBO-XBB-BBO

×	×	
○		○

XXB-BBB-OBO

X plays next

×	×	○
×		
		○

XXO-XBB-BBO

×		○
×	×	
		○

XBO-XXB-BBO

×		○
×		×
		○

XBO-XBX-BBO

×		○
×		
×		○

XBO-XBB-XBO

×		○
×		
	×	○

XBO-XBB-BXO

Strategy #1: Win



	X	O
X		O

BBB-BXO-XBO

O	X	
O		X

BBB-OXB-OBX

		X
	X	
	O	O

BBX-BXB-BOO

	O	O
	X	
		X

BOO-BXB-BBX

O		X
O	X	

OBX-OXB-BBB

O	O	
	X	
X		

OOB-BXB-XBB

X		
	X	
O	O	

XBB-BXB-OOB

X		O
	X	O

XBO-BXO-BBB

X plays next

X	X	O
	X	O

XXO-BXO-BBB

X		O
X	X	O

XBO-XXO-BBB

X		O
	X	O
X		

XBO-BXO-XBB

X		O
	X	O
	X	

XBO-BXO-BBX

X		O
	X	O
		X

XBO-BXO-BBX

Strategy #1: Win

		○
	×	
○		×

BBO-BXB-OBX

○		
	×	
×		○

OBB-BXB-XBO

○		×
	×	
		○

OBX-BXB-BBO

×		○
	×	
○		

XBO-BXB-OBB

X plays next

×	×	○
	×	
○		

XXO-BXB-OBB

×		○
×	×	
○		

XBO-XXB-OBB

×		○
	×	×
○		

XBO-BXX-OBB

×		○
	×	
○	×	

XBO-BXB-OXB

×		○
	×	
○		×

XBO-BXB-OBX

Strategy #1: Win

		○
○	×	
		×

BBO-OXB-BBX

		×
○	×	
		○

BBX-OXB-BBO

	○	
	×	
○		×

BOB-BXB-OBX

	○	
	×	
×		○

BOB-BXB-XBO

○		
	×	○
×		

OBB-BXO-XBB

○		×
	×	
	○	

OBX-BXB-BOB

×		
	×	○
○		

XBB-BXO-OBX

×		○
	×	
	○	

XBO-BXB-BOB

X plays next

×	×	○
	×	
	○	

XXO-BXB-BOB

×		○
×	×	
	○	

XBO-XXB-BOB

×		○
	×	×
	○	

XBO-BXX-BOB

×		○
	×	
×	○	

XBO-BXB-XOB

×		○
	×	
	○	×

XBO-BXB-BOX

Strategy #1: Win

		○
	×	
×		○

BBO-BXB-XBO

		×
	×	
○		○

BBX-BXB-OBO

○		
	×	
○		×

OBB-BXB-OBX

○		○
	×	
		×

OBO-BXB-BBX

○		○
	×	
×		

OBO-BXB-XBB

○		×
	×	
○		

OBX-BXB-OBX

×		
	×	
○		○

XBB-BXB-OBO

×		○
	×	
		○

XBO-BXB-BBO

X plays next

×	×	○
	×	
		○

XXO-BXB-BBO

×		○
×	×	
		○

XBO-XXB-BBO

×		○
	×	×
		○

XBO-BXX-BBO

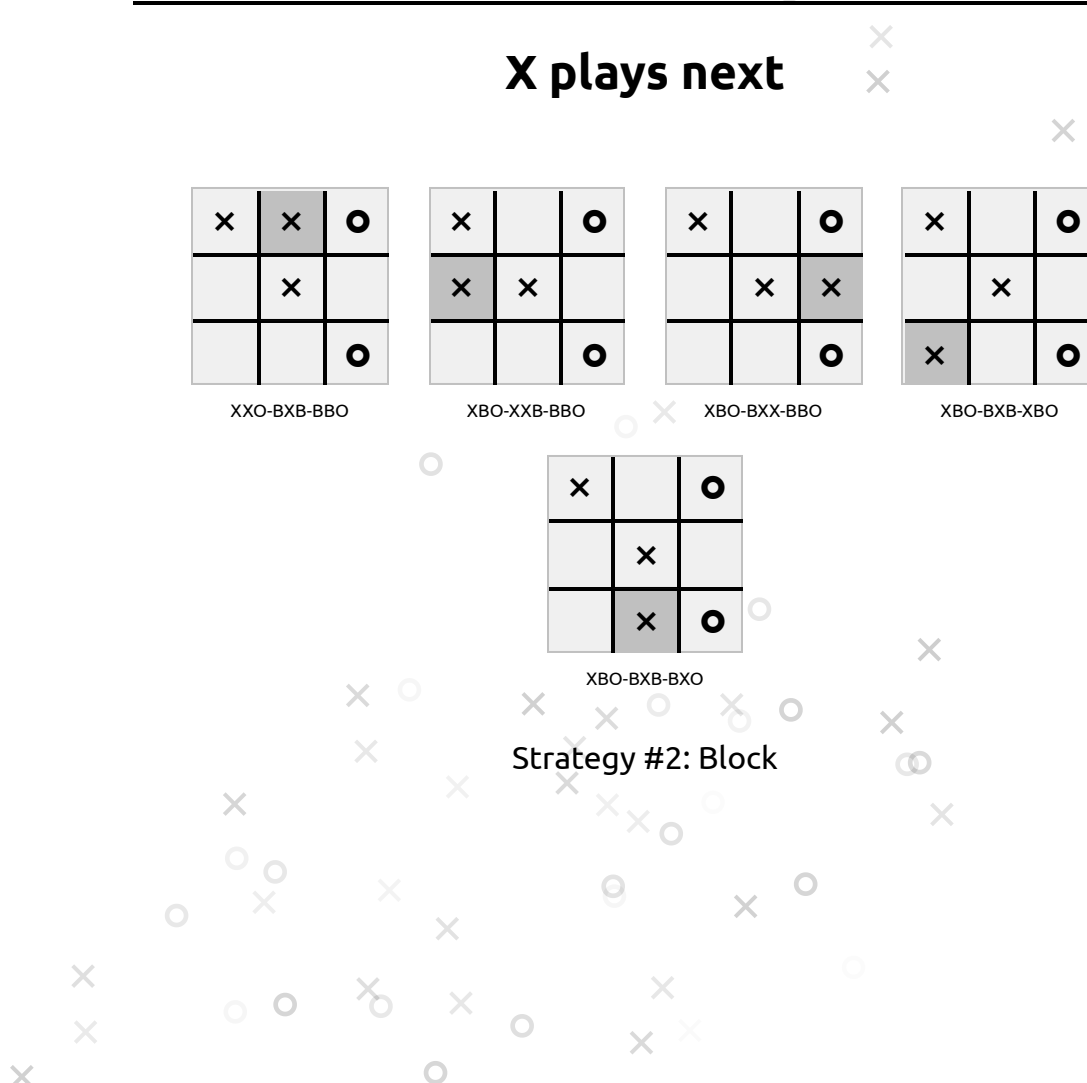
×		○
	×	
×		○

XBO-BXB-XBO

×		○
	×	
	×	○

XBO-BXB-BXO

Strategy #2: Block



	○	×
×		○

BBB-BOX-XBO

×	○	
○		×

BBB-XOB-OBX

		×
	○	
	×	○

BBX-BOB-BXO

	×	○
	○	
		×

BXO-BOB-BBX

○		×
×	○	

OBX-XOB-BBB

○	×	
	○	
×		

OXB-BOB-XBB

×		
	○	
○	×	

XBB-BOB-OXB

×		○
	○	×

XBO-BOX-BBB

X plays next

×	×	○
	○	×

XXO-BOX-BBB

×		○
×	○	×

XBO-XOX-BBB

×		○
	○	×
×		

XBO-BOX-XBB

×		○
	○	×
	×	

XBO-BOX-BBB

×		○
	○	×
		×

XBO-BOX-BBX

Strategy #2: Block

		○
×		
○		×

BBO-XBB-OBX

	×	○
○		×

BXO-BBB-OBX

○		
		×
×		○

OBB-BBX-XBO

○		×
	×	○

OBX-BBB-BXO

○		×
×		
		○

OBX-XBB-BBO

○	×	
×		○

OXB-BBB-XBO

×		○
○	×	

XBO-BBB-OXB

×		○
		×
○		

XBO-BBX-OBX

X plays next

×	×	○
		×
○		

XXO-BBX-OBX

×		○
×		×
○		

XBO-XBX-OBX

×		○
	×	×
○		

XBO-BXX-OBX

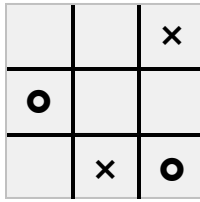
×		○
		×
○	×	

XBO-BBX-OXB

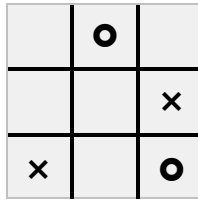
×		○
		×
○		×

XBO-BBX-OBX

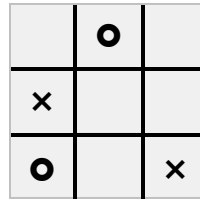
Strategy #2: Block



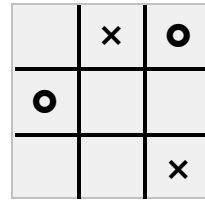
BBX-OBB-BXO



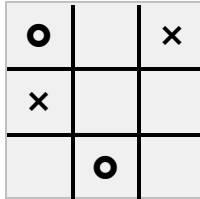
BOB-BBX-XBO



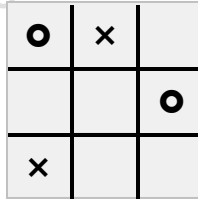
BOB-XBB-OBX



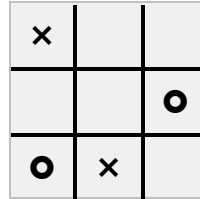
BXO-OBB-BBX



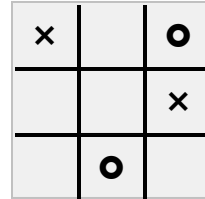
OBX-XBB-BOB



OXB-BBO-XBB

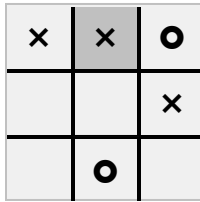


XBB-BBO-OXB

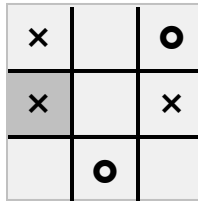


XBO-BBX-BOB

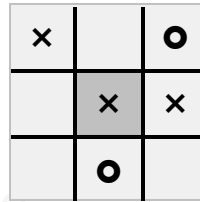
X plays next



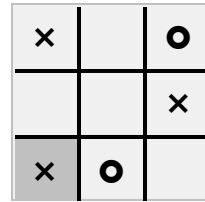
XXO-BBX-BOB



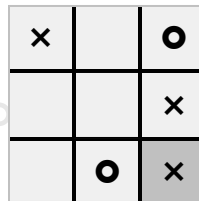
XBO-XBX-BOB



XBO-BXX-BOB



XBO-BBX-XOB



XBO-BBX-BOX

Strategy #3: Fork the game

		○
		×
×		○

BBO-BBX-XBO

		×
○	×	○

BBX-BBB-OXO

○		
×		
○		×

OBB-XBB-OBX

○		×
×		
○		

OBX-XBB-OBX

○	×	○
		×

OXO-BBB-BBX

○	×	○
×		

OXO-BBB-XBB

×		
○	×	○

XBB-BBB-OXO

×		○
		×
		○

XBO-BBX-BBO

X plays next

×	×	○
		×
		○

XXO-BBX-BBO

×		○
×		×
		○

XBO-XBX-BBO

×		○
	×	×
		○

XBO-BXX-BBO

×		○
		×
×		○

XBO-BBX-XBO

×		○
		×
	×	○

XBO-BBX-BXO

Strategy #3: Fork the game

		○
	○	
×		×

BBO-BOB-XBX

		×
	○	
○		×

BBX-BOB-OBX

○		
	○	
×		×

OBB-BOB-XBX

○		×
	○	
		×

OBX-BOB-BBX

×		
	○	
×		○

XBB-BOB-XBO

×		○
	○	
×		

XBO-BOB-XBB

×		×
	○	
		○

XBX-BOB-BBO

×		×
	○	
○		

XBX-BOB-OBX

X plays next

×	×	○
	○	
×		

XXO-BOB-XBB

×		○
×	○	
×		

XBO-XOB-XBB

×		○
	○	×
×		

XBO-BOX-XBB

×		○
	○	
×	×	

XBO-BOB-XXB

×		○
	○	
×		×

XBO-BOB-XBX

Strategy #1: Win

		X
O		
O		X

BBX-OBB-OBX

	O	O
X		X

BOO-BBB-XXB

O		X
O		
		X

OBX-OBB-BBX

O	O	
X		X

OOB-BBB-XXB

X		
		O
X		O

XBB-BBO-XBO

X		O
		O
X		

XBO-BBO-XBB

X		X
	O	O

XBX-BBB-BOO

X		X
O	O	

XBX-BBB-OOB

X plays next

X	X	O
		O
X		

XXO-BBO-XBB

X		O
X		O
X		

XBO-XBO-XBB

X		O
	X	O
X		

XBO-BXO-XBB

X		O
		O
X	X	

XBO-BBO-XXB

X		O
		O
X		X

XBO-BBO-XXB

Strategy #1: Win

○		○
×		×

OBO-BBB-XBX

○		×
○		×

OBX-BBB-OBX

×		○
×		○

XBO-BBB-XBO

×		×
○		○

XBX-BBB-OBO

X plays next

×	×	○
×		○

XXO-BBB-XBO

×		○
×		
×		○

XBO-XBB-XBO

×		○
	×	
×		○

XBO-BXB-XBO

×		○
		×
×		○

XBO-BBX-XBO

×		○
×	×	○

XBO-BBB-XXO

Strategy #1: Win

		○
×	○	
		×

BBO-XOB-BBX

		×
×	○	
		○

BBX-XOB-BBO

	×	
	○	
○		×

BXB-BOB-OBX

	×	
	○	
×		○

BXB-BOB-XBO

○		
	○	×
×		

OBB-BOX-XBB

○		×
	○	
	×	

OBX-BOB-BXB

×		
	○	×
○		

XBB-BOX-OBX

×		○
	○	
	×	

XBO-BOB-BXB

X plays next

×	×	○
	○	
	×	

XXO-BOB-BXB

×		○
×	○	
	×	

XBO-XOB-BXB

×		○
	○	×
	×	

XBO-BOX-BXB

×		○
	○	
×	×	

XBO-BOB-XXB

×		○
	○	
	×	×

XBO-BOB-BXX

Strategy #2: Block



		X
X		
	O	O

BBX-XBB-BOO

	O	O
X		
		X

BOO-XBB-BBX

	X	
		O
X		O

BXB-BBO-XBO

	X	
O		
O		X

BXB-OBB-OBX

O		X
O		
	X	

OBX-OBB-BXB

O	O	
		X
X		

OOB-BBX-XBB

X		
		X
O	O	

XBB-BBX-OOB

X		O
		O
	X	

XBO-BBO-BXB

X plays next

X	X	O
		O
	X	

XXO-BBO-BXB

X		O
X		O
	X	

XBO-XBO-BXB

X		O
	X	O
	X	

XBO-BXO-BXB

X		O
		O
X	X	

XBO-BBO-XXB

X		O
		O
	X	X

XBO-BBO-BXX

Strategy #2: Block

		X
X		
O		O

BBX-XBB-OBO

	X	O
X		O

BXO-BBB-XBO

O		O
		X
X		

OBO-BBX-XBB

O		O
X		
		X

OBO-XBB-BBX

O		X
O	X	

OBX-BBB-OXB

O	X	
O		X

OXB-BBB-OBX

X		
		X
O		O

XBB-BBX-OBO

X		O
	X	O

XBO-BBB-BXO

X plays next

X	X	O
	X	O

XXO-BBB-BXO

X		O
X		
	X	O

XBO-XBB-BXO

X		O
	X	
	X	O

XBO-BXB-BXO

X		O
		X
	X	O

XBO-BBX-BXO

X		O
X	X	O

XBO-BBB-XXO

Strategy #2: Block

		X
	O	
X		O

X BX-BOB-XBO

O		X
	O	
X		

O BX-BOB-XBB

X		
	O	
O		X

X BB-BOB-OBX

X		O
	O	
		X

X BO-BOB-BBX

X plays next

X	X	O
	O	
		X

X XO-BOB-BBX

X		O
X	O	
		X

X BO-XOB-BBX

X		O
	O	X
		X

X BO-BOX-BBX

X		O
	O	
X		X

X BO-BOB-XBX

X		O
	O	
	X	X

X BO-BOB-BXX

Strategy #2: Block



○		×
×		○

OBX-BBB-XBO

×		○
○		×

XBO-BBB-OBX

X plays next

×	×	○
○		×

XXO-BBB-OBX

×		○
×		
○		×

XBO-XBB-OBX

×		○
	×	
○		×

XBO-BXB-OBX

×		○
		×
○		×

XBO-BBX-OBX

×		○
○	×	×

XBO-BBB-OXX

Strategy #1: Win

<table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td>○</td><td>○</td></tr> <tr><td>×</td><td>×</td><td> </td></tr> </table>					○	○	×	×		<table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"> <tr><td> </td><td> </td><td> </td></tr> <tr><td>○</td><td>○</td><td> </td></tr> <tr><td> </td><td>×</td><td>×</td></tr> </table>				○	○			×	×	<table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"> <tr><td> </td><td> </td><td>×</td></tr> <tr><td> </td><td>○</td><td>×</td></tr> <tr><td> </td><td>○</td><td> </td></tr> </table>			×		○	×		○		<table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"> <tr><td> </td><td>○</td><td> </td></tr> <tr><td> </td><td>○</td><td>×</td></tr> <tr><td> </td><td> </td><td>×</td></tr> </table>		○			○	×			×
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		×																																					
BBB-BOO-XXB	BBB-OOB-BXX	BBX-BOX-BOB	BOB-BOX-BBX																																				
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×	×																																						
	○	○																																					
BOB-XOB-XBB	BXX-OOB-BBB	XBB-XOB-BOB	XXB-BOO-BBB																																				

X plays next

<table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"> <tr><td>×</td><td>×</td><td style="background-color: #008000;">×</td></tr> <tr><td> </td><td>○</td><td>○</td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	×	×	×		○	○				<table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"> <tr><td>×</td><td>×</td><td> </td></tr> <tr style="background-color: #cccccc;"><td>×</td><td>○</td><td>○</td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	×	×		×	○	○				<table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"> <tr><td>×</td><td>×</td><td> </td></tr> <tr><td> </td><td>○</td><td>○</td></tr> <tr style="background-color: #cccccc;"><td>×</td><td> </td><td> </td></tr> </table>	×	×			○	○	×			<table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"> <tr><td>×</td><td>×</td><td> </td></tr> <tr><td> </td><td>○</td><td>○</td></tr> <tr style="background-color: #cccccc;"><td> </td><td>×</td><td> </td></tr> </table>	×	×			○	○		×	
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×																																							
×	×																																						
	○	○																																					
	×																																						
XXX-BOO-BBB	XXB-XOO-BBB	XXB-BOO-XBB	XXB-BOO-BXB																																				

×	×	
	○	○
		×

XXB-BOO-BBX

Strategy #1: Win

○	○	×
		×

BBB-OOX-BBX

×	○	○
×		

BBB-XOO-XBB

		×
○	○	×

BBX-OOX-BBB

	○	
	○	
	×	×

BOB-BOB-BXX

	○	
	○	
×	×	

BOB-BOB-XXB

	×	×
	○	
	○	

BXX-BOB-BOB

×		
×	○	○

XBB-XOO-BBB

×	×	
	○	
	○	

XXB-BOB-BOB

X plays next

×	×	×
	○	
	○	

XXX-BOB-BOB

×	×	
×	○	
	○	

XXB-XOB-BOB

×	×	
	○	×
	○	

XXB-BOX-BOB

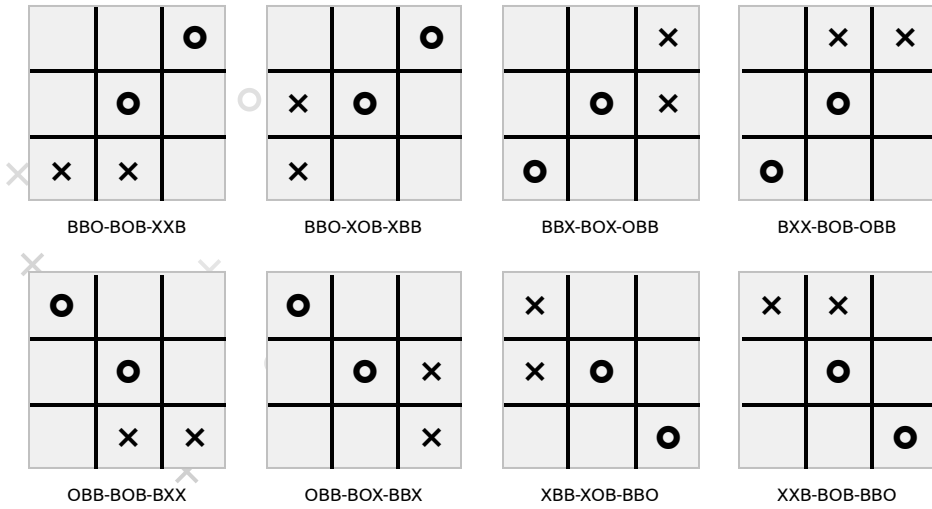
×	×	
	○	
×	○	

XXB-BOB-XOB

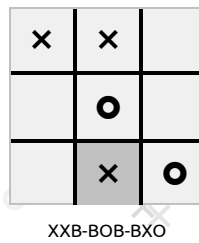
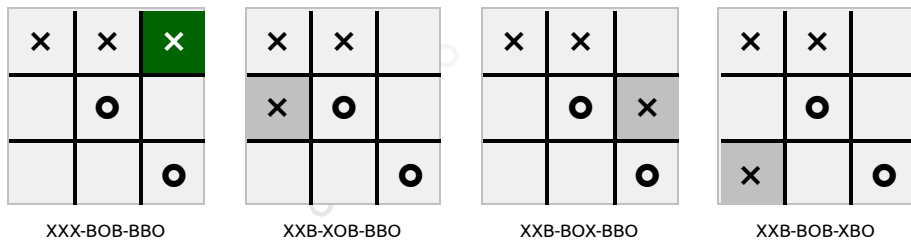
×	×	
	○	
	○	×

XXB-BOB-BOX

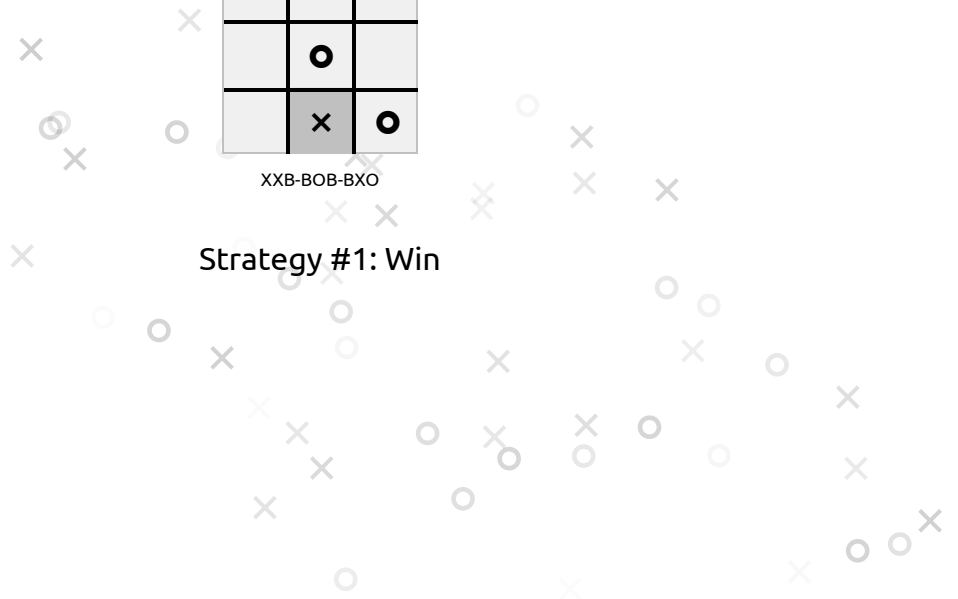
Strategy #1: Win



X plays next



Strategy #1: Win



		X
O	O	
		X

BBX-OOB-BBX

	O	
	O	
X		X

BOB-BOB-XBX

X		
	O	O
X		

XBB-BOO-XBB

X		X
	O	
	O	

XBX-BOB-BOB

X plays next

X	X	X
	O	
	O	

XXX-BOB-BOB

X		X
X	O	
	O	

XBX-XOB-BOB

X		X
	O	X
	O	

XBX-BOX-BOB

X		X
	O	
X	O	

XBX-BOB-XOB

X		X
	O	
	O	X

XBX-BOB-BOX

Strategy #1: Win



		X
O	O	
	X	

BBX-OOB-BXB

		X
X	O	
	O	

BBX-XOB-BOB

	O	
	O	X
X		

BOB-BOX-XBB

	O	
X	O	
		X

BOB-XOB-BBX

	X	
	O	O
X		

BXB-BOO-XBB

	X	
O	O	
		X

BXB-OOB-BBX

X		
	O	O
	X	

XBB-BOO-BXB

X		
	O	X
	O	

XBB-BOX-BOB

X plays next

X	X	
	O	X
	O	

XXB-BOX-BOB

X		X
	O	X
	O	

XBX-BOX-BOB

X		
X	O	X
	O	

XBB-XOX-BOB

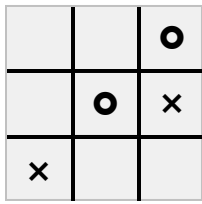
X		
	O	X
X	O	

XBB-BOX-XOB

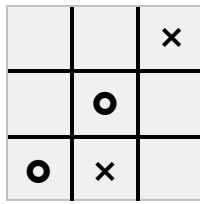
X		
	O	X
	O	X

XBB-BOX-BOX

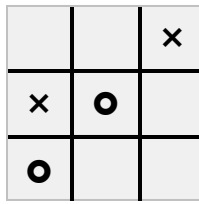
Strategy #2: Block



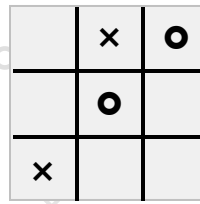
BBO-BOX-XBB



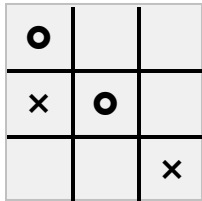
BBX-BOB-OXB



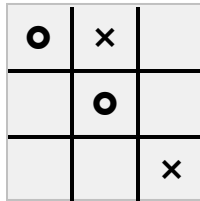
BBX-XOB-OB



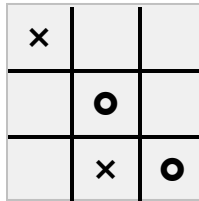
BXO-BOB-XBB



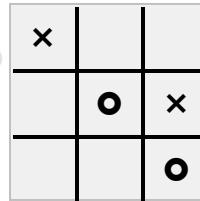
OBB-XOB-BBX



OXB-BOB-BBX

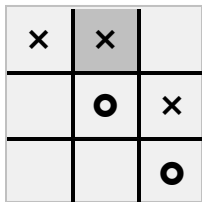


XBB-BOB-BXO

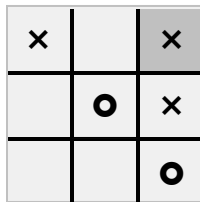


XBB-BOX-BBO

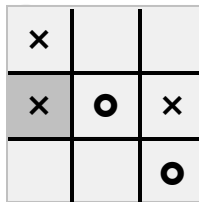
X plays next



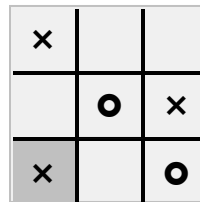
XXB-BOX-BBO



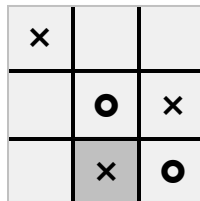
XB-BOX-BBO



XBB-XOX-BBO

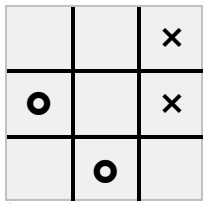
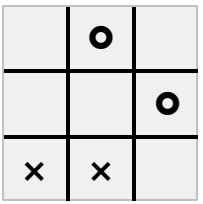
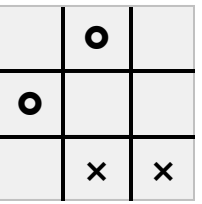
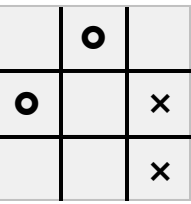
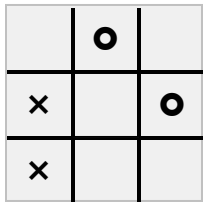
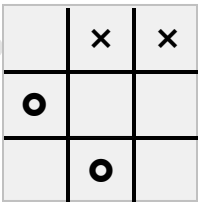
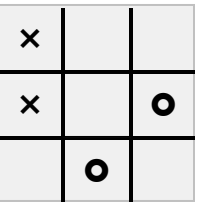
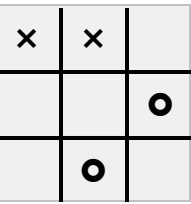


XBB-BOX-XBO

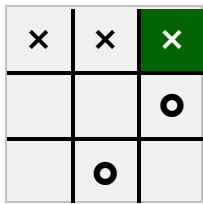
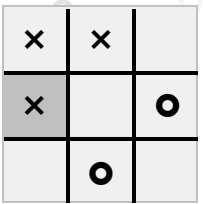
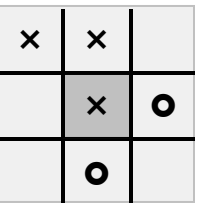
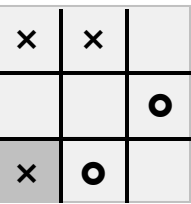


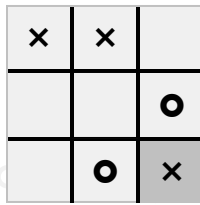
XBB-BOX-BXO

Strategy #4: Block an opponent's fork

 <p>BBX-OBX-BOB</p>	 <p>BOB-BBO-XXB</p>	 <p>BOB-OBX-BXX</p>	 <p>BOB-OBX-BBX</p>
 <p>BOB-XBO-XBB</p>	 <p>BXX-OBX-BOB</p>	 <p>XBB-XBO-BOB</p>	 <p>XXB-BBO-BOB</p>

X plays next

 <p>XXX-BBO-BOB</p>	 <p>XXB-XBO-BOB</p>	 <p>XXB-BXO-BOB</p>	 <p>XXB-BBO-XOB</p>
---	---	---	--


 XXB-BBO-BOX

Strategy #1: Win

		○
		○
×	×	

BBO-BBO-XXB

		×
		×
○	○	

BBX-BBX-OOB

	○	○
×		
×		

BOO-XBB-XBB

	×	×
○		
○		

BXX-OBB-OB

○		
○		
	×	×

OBB-OB

○	○	
		×
		×

OBB-BBX-BBX

×		
×		
	○	○

XBB-XBB-BOO

×	×	
		○
		○

XXB-BBO-BBO

X plays next

×	×	×
		○
		○

XXX-BBO-BBO

×	×	
×		○
		○

XXB-XBO-BBO

×	×	
	×	○
		○

XXB-XO-BBO

×	×	
		○
×		○

XXB-BBO-XBO

×	×	
		○
	×	○

XXB-BBO-XBO

Strategy #1: Win

BBO-XBO-XBB	BBX-OBX-OB	BOO-BBB-XXB	BXX-BBB-OOB
OBB-OBX-BBX	OOB-BBB-BXX	XBB-XBO-BBO	XXB-BBB-BOO

X plays next

XXB-XBO-BBO	XBX-XBO-BBO	XBB-XXO-BBO	XBB-XBO-XBO

XBB-XBO-BXO

Strategy #1: Win

		X
O	X	
	O	

BBX-OXB-BOB

	O	
	X	O
X		

BOB-BXO-XBB

	O	
O	X	
		X

BOB-OXB-BBX

X		
	X	O
	O	

XBB-BXO-BOB

X plays next

X	X	
	X	O
	O	

XXB-BXO-BOB

X		X
	X	O
	O	

XBX-BXO-BOB

X		
X	X	O
	O	

XBB-XXO-BOB

X		
	X	O
X	O	

XBB-BXO-XOB

X		
	X	O
	O	X

XBB-BXO-BOX

Strategy #1: Win



BBO-BXO-XBB	BBX-BXB-OOB	BBX-OXB-OB	BOO-BXB-XBB
OBB-OXB-BBX	OBB-BXB-BBX	XBB-BXB-BOO	XBB-BXO-BBO

X plays next

XXB-BXO-BBO	XBX-BXO-BBO	XBB-XXO-BBO	XBB-BXO-XBO
XBB-BXO-BXO			

Strategy #2: Block

		X
O		
O	X	

BBX-OBB-OXB

		X
X		
O	O	

BBX-XBB-OOB

	O	O
		X
X		

BOO-BBX-XBB

	X	O
		O
X		

BXO-BBO-XBB

O	O	
X		
		X

OOB-XBB-BBX

O	X	
O		
		X

OXB-OBB-BBX

X		
		O
	X	O

XBB-BBO-BXO

X		
		X
	O	O

XBB-BBX-BOO

X plays next

X	X	
		O
	X	O

XXB-BBO-BXO

X		X
		O
	X	O

XBX-BBO-BXO

X		
X		O
	X	O

XBB-XBO-BXO

X		
	X	O
	X	O

XBB-BXO-BXO

X		
		O
X	X	O

XBB-BBO-XXO

Strategy #2: Block

<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td>X</td></tr> <tr><td>O</td><td>X</td><td>O</td></tr> </table>						X	O	X	O	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td></tr> <tr><td>X</td><td> </td><td> </td></tr> <tr><td>O</td><td>X</td><td>O</td></tr> </table>				X			O	X	O	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td><td>O</td></tr> <tr><td> </td><td> </td><td>X</td></tr> <tr><td> </td><td>X</td><td>O</td></tr> </table>			O			X		X	O	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td> </td><td>X</td><td>O</td></tr> <tr><td> </td><td> </td><td>X</td></tr> <tr><td> </td><td> </td><td>O</td></tr> </table>		X	O			X			O
		X																																					
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X																																							
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BBB-BBX-OXO	BBB-XBB-OXO	BBO-BBX-BXO	BXO-BBX-BBO																																				
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O	X																																						
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O	X	O																																					
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O	X	O																																					
X																																							
OBB-XBB-AXB	AXB-XBB-ABB	OXO-BBX-BBB	OXO-XBB-BBB																																				

X plays next

<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td>O</td><td>X</td><td>O</td></tr> <tr><td>X</td><td>X</td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	O	X	O	X	X					<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td>O</td><td>X</td><td>O</td></tr> <tr><td>X</td><td> </td><td>X</td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	O	X	O	X		X				<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td>O</td><td>X</td><td>O</td></tr> <tr><td>X</td><td> </td><td> </td></tr> <tr><td>X</td><td> </td><td> </td></tr> </table>	O	X	O	X			X			<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td>O</td><td>X</td><td>O</td></tr> <tr><td>X</td><td> </td><td> </td></tr> <tr><td> </td><td>X</td><td> </td></tr> </table>	O	X	O	X				X	
O	X	O																																					
X	X																																						
O	X	O																																					
X		X																																					
O	X	O																																					
X																																							
X																																							
O	X	O																																					
X																																							
	X																																						
OXO-XXB-BBB	OXO-XXB-BBB	OXO-XBB-XXB	OXO-XBB-XXB																																				

O	X	O
X		
		X

OXO-XBB-BBX

Strategy #3: Fork the game

	○	×
	×	○

BBB-BOX-BXO

×	○	
○	×	

BBB-XOB-OXB

	×	○
	○	×

BXO-BOX-BBB

○	×	
×	○	

○ OXB-XOB-BBB

X plays next

○	×	×
×	○	

OXX-XOB-BBB

○	×	
×	○	×

OXB-XOX-BBB

○	×	
×	○	
×		

OXB-XOB-XBB

○	×	
×	○	
	×	

OXB-XOB-BXB

○	×	
×	○	
		×

OXB-XOB-BBX

Strategy #2: Block



BBB-OBX-BXO	BBB-XBO-OXB	BOB-BBX-BXO	BOB-XBB-OXB
BXO-BBX-BOB	BXO-OBX-BBB	OXB-XBB-BOB	OXB-XBO-BBB

X plays next

OXX-XBO-BBB	OXB-XXO-BBB	OXB-XBO-XBB	OXB-XBO-BXB

--

OXB-XBO-BBX

Strategy #4: Block an opponent's fork

		○
×		
○	×	

BBO-XBB-OXB

	×	○
		×
○		

BXO-BBX-OB

○		
		×
	×	○

OBB-BBX-BXO

○	×	
×		
		○

OXB-XBB-BBO

X plays next

○	×	×
×		
		○

OXX-XBB-BBO

○	×	
×	×	
		○

OXB-XXB-BBO

○	×	
×		×
		○

OXB-XBX-BBO

○	×	
×		
×		○

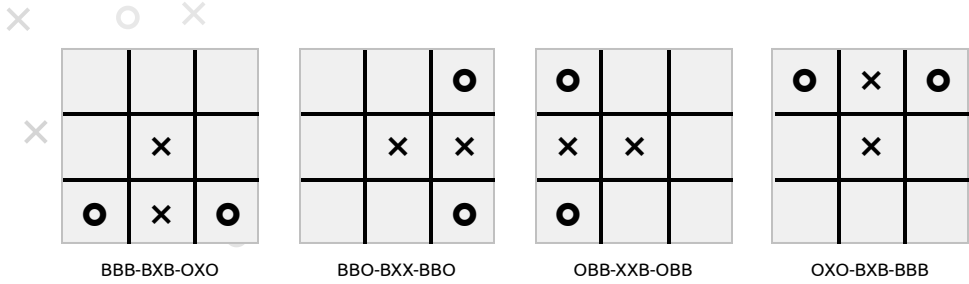
OXB-XBB-XBO

○	×	
×		
	×	○

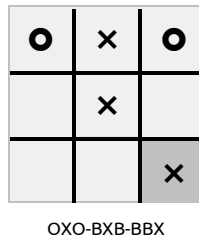
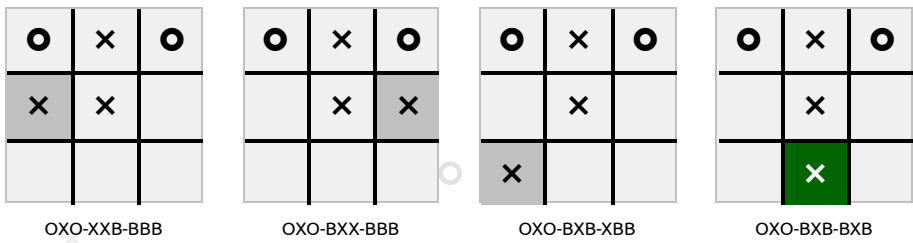
OXB-XBB-BXO

Strategy #2: Block

BBB-BXB-OXO



X plays next



Strategy #1: Win

	X	O
	X	O

BBB-BXO-BXO

	X	X
	O	O

BBB-BXX-BOO

O	X	
O	X	

BBB-OXB-OXB

X	X	
O	O	

BBB-XXB-OOB

	O	O
	X	X

BOO-BXX-BBB

	X	O
	X	O

BXO-BXO-BBB

O	O	
X	X	

OOB-XXB-BBB

O	X	
O	X	

OXB-OXB-BBB

X plays next

O	X	X
O	X	

OXX-OXB-BBB

O	X	
O	X	X

OXB-OXX-BBB

O	X	
O	X	
X		

OXB-OXB-XBB

O	X	
O	X	
	X	

OXB-OXB-BXB

O	X	
O	X	
		X

OXB-OXB-BBX

Strategy #1: Win

	X	X
O		O

BBB-BXX-OBO

X	X	
O		O

BBB-XXB-OBO

		O
	X	
	X	O

BBO-BXB-BXO

	X	O
	X	
		O

BXO-BXB-BBO

O		
	X	
O	X	

OBB-BXB-OXB

O		O
	X	X

OBO-BXX-BBB

O		O
X	X	

OBO-XXB-BBB

O	X	
	X	
O		

OXB-BXB-OBX

X plays next

O	X	X
	X	
O		

OXX-BXB-OBX

O	X	
X	X	
O		

OXB-XXB-OBX

O	X	
	X	X
O		

OXB-BXX-OBX

O	X	
	X	
O	X	

OXB-BXB-OBX

O	X	
	X	
O		X

OXB-BXB-OBX

Strategy #1: Win

BBB-OXX-BBO	BBB-XXO-OB	BBO-OXX-BBB	BOB-BXB-BXO
BOB-BXB-OXB	BXO-BXB-BOB	OBB-XXO-BBB	OXB-BXB-BOB

X plays next

OXX-BXB-BOB	OXB-XXB-BOB	OXB-BXX-BOB	OXB-BXB-XOB
OXB-BXB-BOX			

Strategy #4: Block an opponent's fork

		○
	×	
○	×	

BBO-BXB-OXB

		○
	×	×
○		

BBO-BXX-OB

		○
×	×	
○		

BBO-XXB-OB

	×	○
	×	
○		

BXO-BXB-OB

○		
	×	
	×	○

OB

○		
	×	×
		○

OB

○		
×	×	
		○

OB

○	×	
	×	
		○

OB

X plays next

○	×	×
	×	
		○

OXB-BXB-BBO

○	×	
×	×	
		○

OXB-XXB-BBO

○	×	
	×	×
		○

OXB-BXX-BBO

○	×	
	×	
×		○

OXB-BXB-XBO

○	×	
	×	
	×	○

OXB-BXB-BXO

Strategy #1: Win

BBB-OBX-OBX	BBB-XBO-BXO	BOO-BBX-BXB	BXB-BBX-BOO
BXB-XBB-OOB	BXO-XBO-BBB	OOB-XBB-BXB	OXB-OBX-BBB

X plays next

OXX-OBX-BBB	OXB-OXX-BBB	OXB-OBX-XBB	OXB-OBX-BXB

--

OXB-OBX-BBX

Strategy #2: Block

	○	×
○	×	

BBB-BOX-OXB

×	○	
	×	○

BBB-XOB-BXO

		○
	○	×
	×	

BBO-BOX-BXB

	×	
	○	×
		○

BXB-BOX-BBO

	×	
×	○	
○		

BXB-XOB-OB

	×	○
×	○	

BXO-XOB-BBB

○		
×	○	
	×	

OBB-XOB-BXB

○	×	
	○	×

OXB-BOX-BBB

X plays next

○	×	×
	○	×

OXX-BOX-BBB

○	×	
×	○	×

OXB-XOX-BBB

○	×	
	○	×
×		

OXB-BOX-XBB

○	×	
	○	×
	×	

OXB-BOX-BXB

○	×	
	○	×
		×

OXB-BOX-BBX

Strategy #2: Block

		○
×		
	×	○

BBO-XBB-BXO

	×	
		×
○		○

BXB-BBX-OBO

	×	
×		
○		○

BXB-XBB-OBO

	×	○
×		
		○

BXO-XBB-BBO

○		
		×
○	×	

OBB-BBX-OXB

○		○
		×
	×	

OBO-BBX-BXB

○		○
×		
	×	

OBO-XBB-BXB

○	×	
		×
○		

OXB-BBX-OBX

X plays next

○	×	×
		×
○		

OXX-BBX-OBX

○	×	
×		×
○		

OXB-XBX-OBX

○	×	
	×	×
○		

OXB-BXX-OBX

○	×	
		×
○	×	

OXB-BBX-OXB

○	×	
		×
○		×

OXB-BBX-OBX

Strategy #2: Block

		○
○		×
	×	

BBO-OBX-BXB

	○	
		×
○	×	

BOB-BBX-OXB

	○	
×		
	×	○

BOB-XBB-BXO

	×	
○		×
		○

BXB-OBX-BBO

	×	
×		○
○		

BXB-XBO-OB

	×	○
×		
	○	

BXO-XBB-BOB

○		
×		○
	×	

OBB-XBO-BXB

○	×	
		×
	○	

OXB-BBX-BOB

X plays next

○	×	×
		×
	○	

OXX-BBX-BOB

○	×	
×		×
	○	

OXB-XBX-BOB

○	×	
	×	×
	○	

OXB-BXX-BOB

○	×	
		×
×	○	

OXB-BBX-XOB

○	×	
		×
	○	×

OXB-BBX-BOX

Strategy #4: Block an opponent's fork

BBO-BBX-OXB

		○
		x
○	x	

BBO-BBX-OXB

	x	○
x		
○		

BXO-XBB-OB

○		
x		
	x	○

OBB-XBB-BXO

○	x	
		x
		○

OXB-BBX-BBO

X plays next

○	x	x
		x
		○

OXX-BBX-BBO

○	x	
x		x
		○

OXB-XBX-BBO

○	x	
	x	x
		○

OXB-BXX-BBO

○	x	
		x
x		○

OXB-BBX-XBO

○	x	
		x
	x	○

OXB-BBX-BXO

Strategy #2: Block

BBO-XBX-BBO

		○
×		×
		○

BBO-XBX-BBO

	×	
○	×	○

BXB-BBB-OXO

○		
×		×
○		

OBB-XBX-OB

○	×	○
	×	

OXO-BBB-BXB

X plays next

○	×	○
×		
	×	

OXO-XBB-BXB

○	×	○
	×	
	×	

OXO-BXB-BXB

○	×	○
		×
	×	

OXO-BBX-BXB

○	×	○
×	×	

OXO-BBB-XXB

○	×	○
	×	×

OXO-BBB-BXX

Strategy #1: Win

X		X
	O	O

BBB-XBX-BOO

X		X
O	O	

BBB-XBX-OOB

	O	O
X		X

BOO-XBX-BBB

	X	
		O
	X	O

BXB-BBO-BXO

	X	
O		
O	X	

BXB-OBB-OXB

	X	O
		O
	X	

BXO-BBO-BXB

O	O	
X		X

OOB-XBX-BBB

O	X	
O		
	X	

OXB-OBB-BXB

X plays next

O	X	X
O		
	X	

OXX-OBB-BXB

O	X	
O	X	
	X	

OXB-OXB-BXB

O	X	
O		X
	X	

OXB-OBX-BXB

O	X	
O		
X	X	

OXB-OBB-XXB

O	X	
O		
	X	X

OXB-OBB-BXX

Strategy #1: Win



X	O	X
		O

BBB-XOX-BBO

X	O	X
O		

BBB-XOX-OB

		O
X	O	X

BBO-XOX-BBB

	X	
	O	
	X	O

BXB-BOB-BXO

	X	
	O	
O	X	

BXB-BOB-OXB

	X	O
	O	
	X	

BXO-BOB-BXB

O		
X	O	X

OBB-XOX-BBB

O	X	
	O	
	X	

OXB-BOB-BXB

X plays next

O	X	X
	O	
	X	

OXX-BOB-BXB

O	X	
X	O	
	X	

OXB-XOB-BXB

O	X	
	O	X
	X	

OXB-BOX-BXB

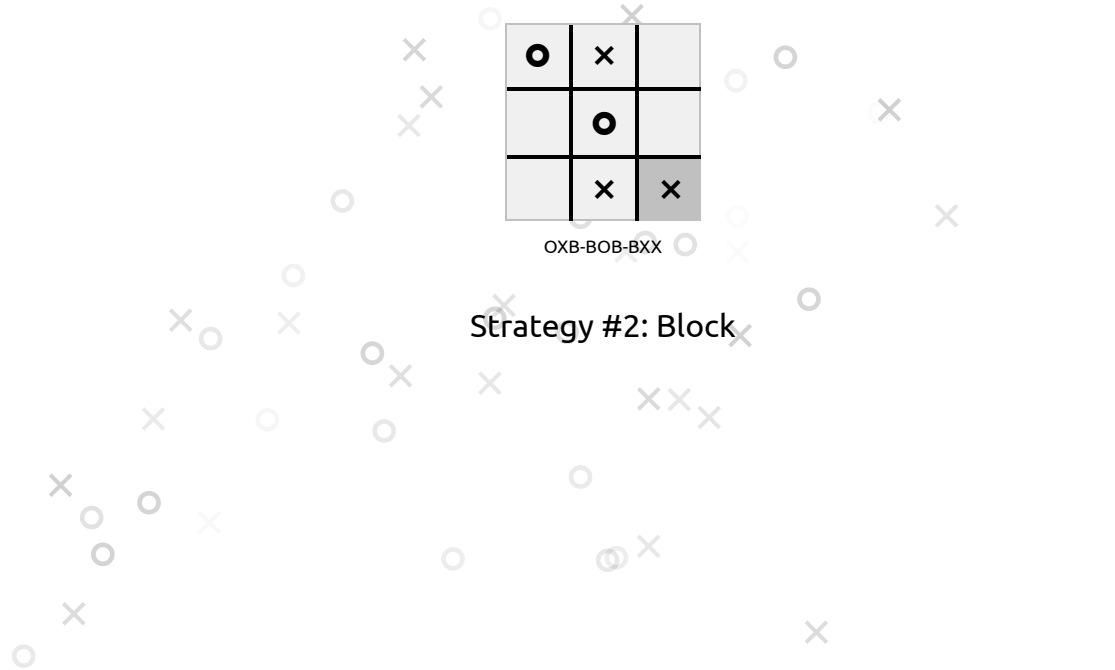
O	X	
	O	
X	X	

OXB-BOB-XXB

O	X	
	O	
	X	X

OXB-BOB-BXX

Strategy #2: Block



		○
×		×
	○	

BBO-XBX-BOB

	○	
×		×
		○

BOB-XBX-BBO

	○	
×		×
○		

BOB-XBX-OB

	×	
		○
○	×	

BXB-BBO-OXB

	×	
○		
	×	○

BXB-OB-BXB

	×	○
○		
	×	

BXO-OB-BXB

○		
×		×
	○	

OB-BXB-BOB

○	×	
		○
	×	

OXB-BBO-BXB

X plays next

○	×	×
		○
	×	

OXX-BBO-BXB

○	×	
×		○
	×	

OXB-XBO-BXB

○	×	
	×	○
	×	

OXB-BXO-BXB

○	×	
		○
×	×	

OXB-BBO-XXB

○	×	
		○
	×	×

OXB-BBO-BXX

Strategy #1: Win

X		X
O		O

BBB-XBX-OBO

	X	O
	X	O

BXO-BBB-BXO

O		O
X		X

OBO-XBX-BBB

O	X	
O	X	

OXB-BBB-OXB

X plays next

O	X	X
O	X	

OXX-BBB-OXB

O	X	
X		
O	X	

OXB-XBB-OXB

O	X	
	X	
O	X	

OXB-BXB-OXB

O	X	
		X
O	X	

OXB-BBX-OXB

O	X	
O	X	X

OXB-BBB-OXX

Strategy #1: Win

		○
×		×
○		

BBO-XBX-OB

	×	○
○	×	

BXO-BBB-OXB

○		
×		×
		○

OBB-XBX-BBO

○	×	
	×	○

OXB-BBB-BXO

X plays next

○	×	×
	×	○

OXX-BBB-BXO

○	×	
×		
	×	○

OXB-XBB-BXO

○	×	
	×	
	×	○

OXB-BXB-BXO

○	×	
		×
	×	○

OXB-BBX-BXO

○	×	
×	×	○

OXB-BBB-XXO

Strategy #1: Win

○	×	○
	×	

BBB-OXO-BXB

	○	
	×	×
	○	

BOB-BXX-BOB

	○	
×	×	
	○	

BOB-XXB-BOB

	×	
○	×	○

BXB-OXO-BBB

X plays next

×	×	
○	×	○

XXB-OXO-BBB

	×	×
○	×	○

BXX-OXO-BBB

	×	
○	×	○
×		

BXB-OXO-XBB

	×	
○	×	○
	×	

BXB-OXO-BXB

	×	
○	×	○
		×

BXB-OXO-BBX

Strategy #1: Win

BBB-BXX-OOB

	X	X
O	O	

BBB-BXX-OOB

X	X	
	O	O

BBB-XXB-BOO

		O
	X	O
	X	

BBO-BXO-BXB

	O	O
X	X	

BOO-XXB-BBB

	X	
	X	O
		O

BXB-BXO-BBO

	X	
O	X	
O		

BXB-OXB-OB

O		
O	X	
	X	

OBB-OXB-BXB

O	O	
	X	X

OOB-BXX-BBB

X plays next

X	X	
O	X	
O		

XXB-OXB-OB

	X	X
O	X	
O		

BXX-OXB-OB

	X	
O	X	X
O		

BXB-OXX-OB

	X	
O	X	
O	X	

BXB-OXB-OXB

	X	
O	X	
O		X

BXB-OXB-OXB

Strategy #1: Win

○	×	×
	○	

BBB-OXX-BOB

×	×	○
	○	

BBB-XXO-BOB

	○	
	×	○
	×	

BOB-BXO-BXB

	○	
○	×	
	×	

BOB-OXB-BXB

	○	
○	×	×

BOB-OXX-BBB

	○	
×	×	○

BOB-XXO-BBB

	×	
	×	○
	○	

BXB-BXO-BOB

	×	
○	×	
	○	

BXB-OXB-BOB

X plays next

×	×	
○	×	
	○	

XXB-OXB-BOB

	×	×
○	×	
	○	

BXX-OXB-BOB

	×	
○	×	×
	○	

BXB-OXX-BOB

	×	
○	×	
×	○	

BXB-OXB-XOB

	×	
○	×	
	○	×

BXB-OXB-BOX

Strategy #3: Fork the game

		○
○	×	
	×	

BBO-OXB-BXB

		○
×	×	
	○	

BBO-XXB-BOB

	○	
	×	×
○		

BOB-BXX-OB

	○	
×	×	
		○

BOB-XXB-BBO

	×	
	×	○
○		

BXB-BXO-OB

	×	
○	×	
		○

BXB-OXB-BBO

○		
	×	○
	×	

OBX-BXO-BXB

○		
	×	×
	○	

OBX-BXX-BOB

X plays next

×	×	
○	×	
		○

XXB-OXB-BBO

	×	×
○	×	
		○

BXX-OXB-BBO

	×	
○	×	×
		○

BXB-OXX-BBO

	×	
○	×	
×		○

BXB-OXB-XBO

	×	
○	×	
	×	○

BXB-OXB-BXO

Strategy #1: Win

○	○	×
	×	

BBB-OOX-BXB

×	○	○
	×	

BBB-XOO-BXB

	○	
	○	×
	×	

BOB-BOX-BXB

	○	
×	○	
	×	

BOB-XOB-BXB

	×	
	○	×
	○	

BXB-BOX-BOB

	×	
○	○	×

BXB-OOX-BBB

	×	
×	○	
	○	

BXB-XOB-BOB

	×	
×	○	○

BXB-XOO-BBB

X plays next

×	×	
○	○	×

XXB-OOX-BBB

	×	×
○	○	×

BXX-OOX-BBB

	×	
○	○	×
×		

BXB-OOX-XBB

	×	
○	○	×
	×	

BXB-OOX-BXB

	×	
○	○	×
		×

BXB-OOX-BBX

Strategy #3: Fork the game

BBO-XBO-BXB	BOO-XBB-BXB	BXB-BBX-OOB	BXB-OBX-OB
BXB-XBB-BOO	BXB-XBO-BBO	OBB-OBX-BXB	OOB-BBX-BXB

X plays next

XXB-OBX-OB	BXX-OBX-OB	BXB-OXX-OB	BXB-OBX-OB
BXB-OBX-OB			

Strategy #2: Block

	○	
○		×
	×	

BOB-OBX-BXB

	○	
×		○
	×	

BOB-XBO-BXB

	×	
○		×
	○	

BXB-OBX-BOB

	×	
×		○
	○	

BXB-XBO-BOB

X plays next

×	×	
○		×
	○	

XXB-OBX-BOB

	×	×
○		×
	○	

BXX-OBX-BOB

	×	
○	×	×
	○	

BXB-OXX-BOB

	×	
○		×
×	○	

BXB-OBX-XOB

	×	
○		×
	○	×

BXB-OBX-BOX

Strategy #3: Fork the game

X	O	X
	O	

BBB-XOX-BOB

	O	
X	O	X

BOB-XOX-BBB

	X	
	O	O
	X	

BXB-BOO-BXB

	X	
O	O	
	X	

BXB-OOB-BXB

X plays next

X	X	
O	O	
	X	

XXB-OOB-BXB

	X	X
O	O	
	X	

BXX-OOB-BXB

	X	
O	O	X
	X	

BXB-OOX-BXB

	X	
O	O	
X	X	

BXB-OOB-XXB

	X	
O	O	
	X	X

BXB-OOB-BXX

Strategy #2: Block

BOB-XBX-BOB

	○	
×		×
	○	

BOB-XBX-BOB

	×	
○		○
	×	

BXB-OBO-BXB

X plays next

×	×	
○		○
	×	

XXB-OBO-BXB

	×	×
○		○
	×	

BXX-OBO-BXB

	×	
○	×	○
	×	

BXB-**OXO**-BXB

	×	
○		○
×	×	

BXB-OBO-**XXB**

	×	
○		○
	×	×

BXB-OBO-**BXX**

Strategy #1: Win

		○
×	○	
	×	

BBO-XOB-BXB

	×	
	○	×
○		

BXB-BOX-OB

	×	
×	○	
		○

BXB-XOB-BBO

○		
	○	×
	×	

OBB-BOX-BXB

X plays next

×	×	
×	○	
		○

XXB-XOB-BBO

	×	×
×	○	
		○

BXX-XOB-BBO

	×	
×	○	×
		○

BXB-XOX-BBO

	×	
×	○	
×		○

BXB-XOB-XBO

	×	
×	○	
	×	○

BXB-XOB-BXO

Strategy #2: Block

○	×	×
○		

BBB-OXX-OBB

×	×	○
		○

BBB-XXO-BBO

		○
×	×	○

BBO-XXO-BBB

	○	○
	×	
	×	

BOO-BXB-BXB

	×	
	×	
	○	○

BXB-BXB-BOO

	×	
	×	
○	○	

BXB-BXB-OOB

○		
○	×	×

OBB-OXX-BBB

○	○	
	×	
	×	

OOB-BXB-BXB

X plays next

×	×	
	×	
○	○	

XXB-BXB-OOB

	×	×
	×	
○	○	

BXX-BXB-OOB

	×	
×	×	
○	○	

BXB-XXB-OOB

	×	
	×	×
○	○	

BXB-BXX-OOB

	×	
	×	
○	○	×

BXB-BXB-OOX

Strategy #2: Block

BBO-XXB-BBO

		○
×	×	
		○

BBO-XXB-BBO

	×	
	×	
○		○

BXB-BXB-OBO

○		
	×	×
○		

OBB-BXX-OB

○		○
	×	
	×	

OBO-BXB-BXB

X plays next

×	×	
	×	
○		○

XXB-BXB-OBO

	×	×
	×	
○		○

BXX-BXB-OBO

	×	
×	×	
○		○

BXB-XXB-OBO

	×	
	×	×
○		○

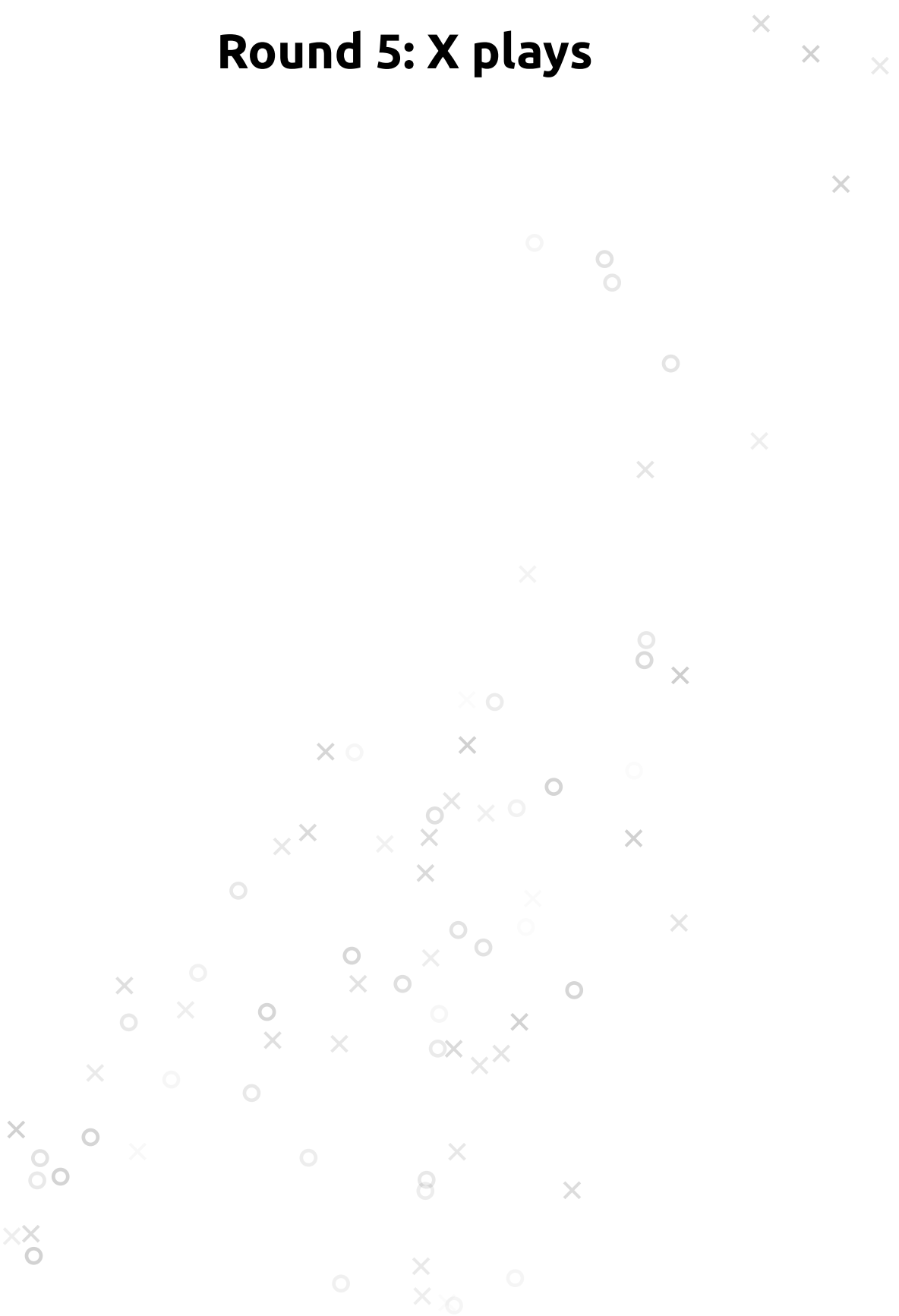
BXB-BXX-OBO

	×	
	×	
○	×	○

BXB-BXB-OXO

Strategy #1: Win

Round 5: X plays



	X	O
X	O	X

BBB-BXO-XOX

O	X	
X	O	X

BBB-OXB-XOX

		X
	X	O
	O	X

BBX-BXO-BOX

	O	X
	X	O
		X

BOX-BXO-BBX

X		
O	X	
X	O	

XBB-OXB-XOB

X	O	
O	X	
X		

XOB-OXB-XBB

X	O	X
	X	O

XOX-BXO-BBB

X	O	X
O	X	

XOX-OXB-BBB

O plays next

X	O	X
O	X	O

XOX-OXO-BBB

X	O	X
O	X	
O		

XOX-OXB-OB

X	O	X
O	X	
	O	

XOX-OXB-BOB

X	O	X
O	X	
		O

XOX-OXB-BBO

Strategy #2: Block

BBB-OBX-XOX

○		×
×	○	×

BBB-OBX-XOX

×		○
×	○	×

BBB-XBO-XOX

	○	×
		○
	×	×

BOX-BBO-BXX

	×	×
		○
	○	×

BXX-BBO-BOX

×	○	
○		
×	×	

XOB-OBX-XXB

×	○	×
○		×

XOX-OBX-BBB

×	○	×
×		○

XOX-XBO-BBB

×	×	
○		
×	○	

XXB-OBX-XOB

O plays next

×	○	×
○	○	×

XOX-OOX-BBB

×	○	×
○		×
○		

XOX-OBX-OBX

×	○	×
○		×
	○	

XOX-OBX-BOB

×	○	×
○		×
		○

XOX-OBX-BBO

Strategy #2: Block

BBX-BBO-XOX

		X
		O
X	O	X

BBX-BBO-XOX

X		
O		
X	O	X

XBB-OBB-XOX

X	O	X
		O
		X

XOX-BBO-BBX

X	O	X
O		
X		

XOX-OBB-XBB

O plays next

X	O	X
O	O	
X		

XOX-OOB-XBB

X	O	X
O		O
X		

XOX-OBO-XBB

X	O	X
O		
X	O	

XOX-OBB-XOB

X	O	X
O		
X		O

XOX-OBB-XBO

Strategy #2: Block

		X
X		O
	O	X

BBX-XBO-BOX

	O	X
X		O
		X

BOX-XBO-BBX

	X	
		O
X	O	X

BXB-BBO-XOX

	X	
O		
X	O	X

BXB-OBX-XOX

X		
O		X
X	O	

XBB-OBX-XOB

X	O	
O		X
X		

XOB-OBX-XBB

X	O	X
		O
	X	

XOX-BBO-BXB

X	O	X
O		
	X	

XOX-OBX-BXB

O plays next

X	O	X
O	O	
	X	

XOX-OOB-BXB

X	O	X
O		O
	X	

XOX-OBO-BXB

X	O	X
O		
O	X	

XOX-OBX-OXB

X	O	X
O		
	X	O

XOX-OBX-BXO

Strategy #4: Block an opponent's fork

		X
O		
X	O	X

BBX-OBB-XOX

	O	X
		O
X		X

BOX-BBO-XBX

X		
		O
X	O	X

XBB-BBO-XOX

X		X
		O
	O	X

XXB-BBO-BOX

X		X
O		
X	O	

XXB-OBB-XOB

X	O	
O		
X		X

XOB-OBB-XBX

X	O	X
		O
X		

XOX-BBO-XBB

X	O	X
O		
		X

XOX-OBB-BBX

O plays next

X	O	X
O	O	
		X

XOX-OOB-BBX

X	O	X
O		O
		X

XOX-OBO-BBX

X	O	X
O		
O		X

XOX-OBB-OBX

X	O	X
O		
	O	X

XOX-OBB-BOX

Strategy #2: Block

	○	×
×	○	×

BBB-BOX-XOX

×	○	
×	○	×

BBB-XOB-XOX

		×
	○	○
	×	×

BBX-BOO-BXX

	×	×
	○	○
		×

BXX-BOO-BBX

×		
○	○	
×	×	

XBB-OOB-XXB

×	○	×
	○	×

XOX-BOX-BBB

×	○	×
×	○	

XOX-XOB-BBB

×	×	
○	○	
×		

XXB-OOB-XBB

O plays next

×	○	×
×	○	○

XOX-XOO-BBB

×	○	×
×	○	
○		

XOX-XOB-OB

×	○	×
×	○	
	○	

XOX-XOB-BOB

×	○	×
×	○	
		○

XOX-XOB-BBO

Strategy #1: Win

		X
	O	
X	O	X

BBX-BOB-XOX

		X
	O	O
X		X

BBX-BOO-XBX

X		
	O	
X	O	X

XBB-BOB-XOX

X		
O	O	
X		X

XBB-OOB-XBX

X		X
	O	O
		X

XBX-BOO-BBX

X		X
O	O	
X		

XBX-OOB-XBB

X	O	X
	O	
		X

XOX-BOB-BBX

X	O	X
	O	
X		

XOX-BOB-XBB

O plays next

X	O	X
O	O	
X		

XOX-OOB-XBB

X	O	X
	O	O
X		

XOX-BOO-XBB

X	O	X
	O	
X	O	

XOX-BOB-XOB

X	O	X
	O	
X		O

XOX-BOB-XBO

Strategy #1: Win

		X
X	O	O
		X

BBX-XOO-BBX

	X	
	O	
X	O	X

BXB-BOB-XOX

X		
O	O	X
X		

XBB-OOX-XBB

X	O	X
	O	
	X	

XOX-BOB-BXB

O plays next

X	O	X
O	O	
	X	

XOX-OOB-BXB

X	O	X
	O	O
	X	

XOX-BOO-BXB

X	O	X
	O	
O	X	

XOX-BOB-OXB

X	O	X
	O	
	X	O

XOX-BOB-BXO

Strategy #4: Block an opponent's fork



		○
		×
×	○	×

BBO-BBX-XOX

		×
		○
○	×	×

BBX-BBO-OXX

○		
×		
×	○	×

OBB-XBB-XOX

○	×	×
		○
		×

OXX-BBO-BBX

×		
○		
×	×	○

XBB-OBB-XXO

×	○	×
		×
		○

XOX-BBX-BBO

×	○	×
×		
○		

XOX-XBB-OBB

×	×	○
○		
×		

XXO-OBB-XBB

O plays next

×	○	×
×	○	
○		

XOX-XOB-OBB

×	○	×
×		○
○		

XOX-XBO-OBB

×	○	×
×		
○	○	

XOX-XBB-OOB

×	○	×
×		
○		○

XOX-XBB-OBO

Strategy #3: Fork the game

		○
	×	
×	○	×

BBO-BXB-XOX

		×
	×	○
○		×

BBX-BXO-OBX

○		
	×	
×	○	×

OBB-BXB-XOX

○		×
	×	○
		×

OBX-BXO-BBX

×		
○	×	
×		○

XBB-OXB-XBO

×		○
○	×	
×		

XBO-OXB-XBB

×	○	×
	×	
		○

XOX-BXB-BBO

×	○	×
	×	
○		

XOX-BXB-OBX

O plays next

×	○	×
○	×	
○		

XOX-OXB-OBX

×	○	×
	×	○
○		

XOX-BXO-OBX

×	○	×
	×	
○	○	

XOX-BXB-OOB

×	○	×
	×	
○		○

XOX-BXB-OBO

Strategy #2: Block

BBO-XBB-XOX

		○
×		
×	○	×

BBO-XBB-XOX

	×	×
		○
○		×

BXX-BBO-OBX

○		
		×
×	○	×

OBB-BBX-XOX

○		×
		○
	×	×

OBX-BBO-BXX

×		○
○		
×	×	

XBO-OBX-XXB

×	○	×
		×
○		

XOX-BBX-OBX

×	○	×
×		
		○

XOX-XBB-BBO

×	×	
○		
×		○

XXB-OBX-XBO

O plays next

×	○	×
○		×
○		

XOX-OBX-OBX

×	○	×
	○	×
○		

XOX-BOX-OBX

×	○	×
		×
○	○	

XOX-BBX-OOB

×	○	×
		×
○		○

XOX-BBX-OBO

Strategy #2: Block

		X
X		O
O		X

BBX-XBO-OBX

	X	O
X	O	X

BXO-BBB-XOX

O		X
X		O
		X

OBX-XBO-BBX

O	X	
X	O	X

OXB-BBB-XOX

X		
O		X
X		O

XBB-OBX-XBO

X		O
O		X
X		

XBO-OBX-XBB

X	O	X
	X	O

XOX-BBB-BXO

X	O	X
O	X	

XOX-BBB-OBX

O plays next

X	O	X
O		
O	X	

XOX-OBX-OBX

X	O	X
	O	
O	X	

XOX-BOB-OBX

X	O	X
		O
O	X	

XOX-BBO-OBX

X	O	X
O	X	O

XOX-BBB-OXO

Strategy #4: Block an opponent's fork

X

○		X
X	○	X

OBX-BBB-XOX

○		X
		○
X		X

OBX-BBO-XBX

X		○
X	○	X

XBO-BBB-XOX

X		○
○		
X		X

XBO-OBX-XBX

X		X
		○
○		X

XBX-BBO-OBX

X		X
○		
X		○

XBX-OBX-XBO

X	○	X
○		X

XOX-BBB-OBX

X	○	X
X		○

XOX-BBB-XBO

O plays next

X	○	X
○		
○		X

XOX-OBX-OBX

X	○	X
	○	
○		X

XOX-BOB-OBX

X	○	X
		○
○		X

XOX-BBO-OBX

X	○	X
○	○	X

XOX-BBB-OOX

Strategy #2: Block



		X
O		O
	X	X

BBX-OBO-BXX

	O	
		X
X	O	X

BOB-BBX-XOX

	O	
X		
X	O	X

BOB-XBB-XOX

	X	X
O		O
		X

BXX-OBO-BBX

X		
O		O
X	X	

XBB-OBO-XXB

X	O	X
		X
	O	

XOX-BBX-BOB

X	O	X
X		
	O	

XOX-XBB-BOB

X	X	
O		O
X		

XXB-OBO-XXB

O plays next

X	O	X
X	O	
	O	

XOX-XOB-BOB

X	O	X
X		O
	O	

XOX-XBO-BOB

X	O	X
X		
O	O	

XOX-XBB-OOB

X	O	X
X		
	O	O

XOX-XBB-BOO

Strategy #1: Win

x

		x
o	x	o
		x

BBX-OXO-BBX

	o	
	x	
x	o	x

BOB-BXB-XOX

x		
o	x	o
x		

XBB-OXO-XBB

x	o	x
	x	
	o	

XOX-BXB-BOB

o

O plays next

x

x	o	x
o	x	
	o	

XOX-OXB-BOB

x	o	x
	x	o
	o	

XOX-BXO-BOB

x	o	x
	x	
o	o	

XOX-BXB-OOB

x	o	x
	x	
	o	o

XOX-BXB-BOO

Strategy #2: Block



		X
O		O
X		X

BBX-OBO-XBX

	O	X
X	O	X

BOX-BBB-XOX

X		
O		O
X		X

XBB-OBO-XBX

X		X
O		O
		X

XBX-OBO-BBX

X		X
O		O
X		

XBX-OBO-XBB

X	O	
X	O	X

XOB-BBB-XOX

X	O	X
	O	X

XOX-BBB-BOX

X	O	X
X	O	

XOX-BBB-XOB

O plays next

X	O	X
O		
X	O	

XOX-OBB-XOB

X	O	X
	O	
X	O	

XOX-BOB-XOB

X	O	X
		O
X	O	

XOX-BBO-XOB

X	O	X
X	O	O

XOX-BBB-XOO

Strategy #1: Win

X

	X	X
O	O	X

BBB-BXX-OOX

X	X	
X	O	O

BBB-XXB-XOO

		O
	X	O
	X	X

BBO-BXO-BXX

	X	X
	X	O
		O

BXX-BXO-BBO

O		
O	X	
X	X	

OBB-OXB-XXB

O	O	X
	X	X

OOX-BXX-BBB

X	O	O
X	X	

XOO-XXB-BBB

X	X	
O	X	
O		

XXB-OXB-OB

O plays next

X	O	O
X	X	O

XOO-XXO-BBB

X	O	O
X	X	
O		

XOO-XXB-OB

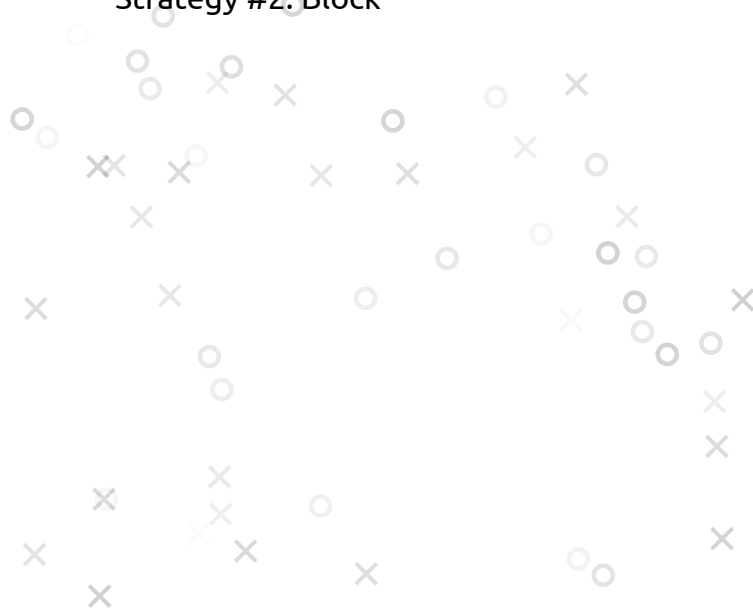
X	O	O
X	X	
	O	

XOO-XXB-BOB

X	O	O
X	X	
		O

XOO-XXB-BBO

Strategy #2: Block



X		X
O	O	X

BBB-XBX-OOX

X		X
X	O	O

BBB-XBX-XOO

	X	O
		O
	X	X

BXO-BBO-BXX

	X	X
		O
	X	O

BXX-BBO-BXO

O	O	X
X		X

OOX-XBX-BBB

O	X	
O		
X	X	

OXB-OBX-XXB

X	O	O
X		X

XOO-XBX-BBB

X	X	
O		
O	X	

XXB-OBX-OBX

O plays next

X	O	O
X	O	X

XOO-XOX-BBB

X	O	O
X		X
O		

XOO-XBX-OBX

X	O	O
X		X
	O	

XOO-XBX-BOB

X	O	O
X		X
		O

XOO-XBX-BBO

Strategy #2: Block

		○
×		○
	×	×

BBO-XBO-BXX

	×	
		×
○	○	×

BXB-BBX-OOX

	×	
×		
×	○	○

BXB-XBB-XOO

	×	×
×		○
		○

BXX-XBO-BBO

○		
○		×
×	×	

OBB-OBX-XXB

○	○	×
		×
	×	

OOX-BBX-BXB

×	○	○
×		
	×	

XOO-XBB-BXB

×	×	
○		×
○		

XXB-OBX-OB

O plays next

×	○	○
×	○	
	×	

XOO-XOB-BXB

×	○	○
×		○
	×	

XOO-XBO-BXB

×	○	○
×		
○	×	

XOO-XBB-OBX

×	○	○
×		
	×	○

XOO-XBB-BXO

Strategy #2: Block

		X
X		
X	O	O

BBX-XBB-XOO

	X	X
		O
X		O

BXX-BBO-XBO

O		X
O		
X	X	

OBX-OB-XXB

O	O	X
		X
X		

OOX-BB-XBB

X		
		X
O	O	X

XBB-BB-XOO

X		O
		O
	X	X

XBO-BBO-BXX

X	O	O
X		
		X

XOO-XBB-BBX

X	X	
O		
O		X

XXB-OB-OBX

O plays next

X	O	O
X	O	
		X

XOO-XOB-BBX

X	O	O
X		O
		X

XOO-XBO-BBX

X	O	O
X		
O		X

XOO-XBB-OBX

X	O	O
X		
	O	X

XOO-XBB-BOX

Strategy #2: Block

X	O	X
	O	X

BBB-XOX-BOX

X	O	X
X	O	

BBB-XOX-XOB

	O	X
X	O	X

BOX-XOX-BBB

	X	
	O	O
	X	X

BXB-BOO-BXX

	X	
O	O	
X	X	

BXB-OOB-XXB

	X	X
	O	O
	X	

BXX-BOO-BXB

X	O	
X	O	X

XOB-XOX-BBB

X	X	
O	O	
	X	

XXB-OOB-BXB

O plays next

X	O	O
X	O	X

XOO-XOX-BBB

X	O	
X	O	X
O		

XOB-XOX-OB

X	O	
X	O	X
	O	

XOB-XOX-BOB

X	O	
X	O	X
		O

XOB-XOX-BBO

Strategy #1: Win

○	○	×
×	×	

BBB-OOX-XXB

×	○	○
	×	×

BBB-XOO-BXX

	○	×
	○	×
	×	

BOX-BOX-BXB

	×	
	○	×
	○	×

BXB-BOX-BOX

	×	
×	○	
×	○	

BXB-XOB-XOB

	×	×
×	○	○

BXX-XOO-BBB

×	○	
×	○	
	×	

XOB-XOB-BXB

×	×	
○	○	×

XXB-OOX-BBB

O plays next

×	○	○
×	○	
	×	

XOO-XOB-BXB

×	○	
×	○	○
	×	

XOB-XOO-BXB

×	○	
×	○	
○	×	

XOB-XOB-OXB

×	○	
×	○	
	×	○

XOB-XOB-BXO

Strategy #2: Block

		X
O	O	
X	X	

BBX-OOB-XXB

		X
X	O	
X	O	

BBX-XOB-XOB

	O	X
	O	X
X		

BOX-BOX-XBB

	X	X
	O	O
X		

BXX-BOO-XBB

X		
	O	O
	X	X

XBB-BOO-BXX

X		
	O	X
	O	X

XBB-BOX-BOX

X	O	
X	O	
		X

XOB-XOB-BBX

X	X	
O	O	
		X

XXB-OOB-BBX

O plays next

X	O	O
X	O	
		X

XOO-XOB-BBX

X	O	
X	O	O
		X

XOB-XOO-BBX

X	O	
X	O	
O		X

XOB-XOB-OBX

X	O	
X	O	
	O	X

XOB-XOB-BOX

Strategy #1: Win

○	×	×
	○	×

BBB-OXX-BOX

×	×	○
×	○	

BBB-XXO-XOB

	○	
	×	○
	×	×

BOB-BXO-BXX

	○	
○	×	
×	×	

BOB-OXB-XXB

	○	×
○	×	×

BOX-OXX-BBB

	×	×
	×	○
	○	

BXX-BXO-BOB

×	○	
×	×	○

XOB-XXO-BBB

×	×	
○	×	
	○	

XXB-OXB-BOB

O plays next

×	○	○
×	×	○

XOO-XXO-BBB

×	○	
×	×	○
○		

XOB-XXO-OBB

×	○	
×	×	○
	○	

XOB-XXO-BOB

×	○	
×	×	○
		○

XOB-XXO-BBO

Strategy #2: Block

	○	
○		×
×	×	

BOB-OBX-XXB

	○	
×		○
	×	×

BOB-XBO-BXX

	○	×
○		×
	×	

BOX-OBX-BXB

	×	
○		×
	○	×

BXB-OBX-BOX

	×	
×		○
×	○	

BXB-XBO-XOB

	×	×
×		○
	○	

BXX-XBO-BOB

×	○	
×		○
	×	

XOB-XBO-BXB

×	×	
○		×
	○	

XXB-OBX-BOB

O plays next

×	○	○
×		○
	×	

XOO-XBO-BXB

×	○	
×	○	○
	×	

XOB-XOO-BXB

×	○	
×		○
○	×	

XOB-XBO-OXB

×	○	
×		○
	×	○

XOB-XBO-BXO

Strategy #2: Block

		X
X		O
X	O	

BBX-XBO-XOB

	O	X
O		
X	X	

BOX-OBX-XXB

	O	X
O		X
X		

BOX-OBX-XBB

	X	X
		O
X	O	

BXX-BBO-XOB

X		
O		X
	O	X

XBB-OBX-BOX

X	O	
		O
	X	X

XOB-BBO-BXX

X	O	
X		O
		X

XOB-XBO-BBX

X	X	
O		
	O	X

XXB-OBX-BOX

O plays next

X	O	O
X		O
		X

XOO-XBO-BBX

X	O	
X	O	O
		X

XOB-XOO-BBX

X	O	
X		O
O		X

XOB-XBO-OBX

X	O	
X		O
	O	X

XOB-XBO-BOX

Strategy #2: Block

	X	O
O	X	X

BBB-BXO-OXX

O	X	
X	X	O

BBB-OXB-XXO

		O
	X	X
	O	X

BBO-BXX-BOX

	O	X
	X	X
		O

BOX-BXX-BBO

O		
X	X	
X	O	

OBB-XXB-XOB

O	X	X
	X	O

OXX-BXO-BBB

X	O	
X	X	
O		

XOB-XXB-OB

X	X	O
O	X	

XXO-OXB-BBB

O plays next

X	O	O
X	X	
O		

XOO-XXB-OB

X	O	
X	X	O
O		

XOB-XXO-OB

X	O	
X	X	
O	O	

XOB-XXB-OB

X	O	
X	X	
O		O

XOB-XXB-OB

Strategy #2: Block

		○
×		×
	○	×

BBO-XBX-BOX

	○	×
×		×
		○

BOX-XBX-BBO

	×	
		○
○	×	×

BXB-BBO-OXX

	×	
○		
×	×	○

BXB-OB-XXO

○		
×		×
×	○	

OBB-XBX-XOB

○	×	×
		○
	×	

OXX-BBO-BXB

×	○	
×		×
○		

XOB-XBX-OB

×	×	○
○		
	×	

XXO-OB-BXB

O plays next

×	○	○
×		×
○		

XOO-XBX-OB

×	○	
×	○	×
○		

XOB-XOX-OB

×	○	
×		×
○	○	

XOB-XBX-OOB

×	○	
×		×
○		○

XOB-XBX-OB

Strategy #2: Block

○		×
×	×	○

BBB-OBX-XXO

×		○
○	×	×

BBB-XBO-OXX

	○	×
		×
	×	○

BOX-BBX-BXO

	×	○
		×
	○	×

BXO-BBX-BOX

○	×	
×		
×	○	

OXB-XBB-XOB

○	×	×
×		○

OXX-XBO-BBB

×	○	
×		
○	×	

XOB-XBB-OXB

×	×	○
○		×

XXO-OBX-BBB

O plays next

×	○	○
×		
○	×	

XOO-XBB-OXB

×	○	
×	○	
○	×	

XOB-XOB-OXB

×	○	
×		○
○	×	

XOB-XBO-OXB

×	○	
×		
○	×	○

XOB-XBB-OXO

Strategy #5: Play in the center



		X
O		
X	X	O

BBX-OBB-XXO

	O	X
		X
X		O

BOX-BBX-XBO

O		X
X		
X	O	

OBX-XBB-XOB

O	X	X
		O
X		

OXX-BBO-XBB

X		
		O
O	X	X

XBB-BBO-OXX

X		O
		X
	O	X

XBO-BBX-BOX

X	O	
X		
O		X

XOB-XBB-OBX

X	X	O
O		
		X

XXO-OBB-BBX

O plays next

X	O	O
X		
O		X

XOO-XBB-OBX

X	O	
X	O	
O		X

XOB-XOB-OBX

X	O	
X		O
O		X

XOB-XBO-OBX

X	O	
X		
O	O	X

XOB-XBB-OOX

Strategy #2: Block

○	×	○
	×	×

BBB-OXO-BXX

○	×	○
×	×	

BBB-OXO-XXB

	○	
	×	×
	○	×

BOB-BXX-BOX

	○	
×	×	
×	○	

BOB-XXB-XOB

	○	×
	×	×
	○	

BOX-BXX-BOB

	×	×
○	×	○

BXX-OXO-BBB

×	○	
×	×	
	○	

XOB-XXB-BOB

×	×	
○	×	○

XXB-OXO-BBB

O plays next

×	○	○
×	×	
	○	

XOO-XXB-BOB

×	○	
×	×	○
	○	

XOB-XXO-BOB

×	○	
×	×	
○	○	

XOB-XXB-OOB

×	○	
×	×	
	○	○

XOB-XXB-BOO

Strategy #2: Block

	○	
×		×
	○	×

BOB-XBX-BOX

	○	
×		×
×	○	

BOB-XBX-XOB

	○	×
×		×
	○	

BOX-XBX-BOB

	×	
○		○
	×	×

BXB-OBO-BXX

	×	
○		○
×	×	

BXB-OBO-XXB

	×	×
○		○
	×	

BXX-OBO-BXB

×	○	
×		×
	○	

XOB-XBX-BOB

×	×	
○		○
	×	

XXB-OBO-BXB

O plays next

×	○	○
×		×
	○	

XOO-XBX-BOB

×	○	
×	○	×
	○	

XOB-XOX-BOB

×	○	
×		×
○	○	

XOB-XBX-OOB

×	○	
×		×
	○	○

XOB-XBX-BOO

Strategy #1: Win

		X
O		O
X	X	

BBX-OBO-XXB

	O	X
		X
X	O	

BOX-BBX-XOB

	O	X
X		
X	O	

BOX-XBB-XOB

	X	X
O		O
X		

BXX-OBO-XBB

X		
O		O
	X	X

XBB-OBO-BXX

X	O	
		X
	O	X

XOB-BBX-BOX

X	O	
X		
	O	X

XOB-XBB-BOX

X	X	
O		O
		X

XXB-OBO-BBX

O plays next

X	O	O
X		
	O	X

XOO-XBB-BOX

X	O	
X	O	
	O	X

XOB-XOB-BOX

X	O	
X		O
	O	X

XOB-XBO-BOX

X	O	
X		
O	O	X

XOB-XBB-OOX

Strategy #1: Win

		○
○	×	
×	×	

BBO-OXB-XXB

		○
×	×	
×	○	

BBO-XXB-XOB

	○	×
	×	×
○		

BOX-BXX-OB

	×	×
	×	○
○		

BXX-BXO-OB

○		
	×	○
	×	×

OBB-BXO-BXX

○		
	×	×
	○	×

OBB-BXX-BOX

×	○	
×	×	
		○

XOB-XXB-BBO

×	×	
○	×	
		○

XXB-OXB-BBO

O plays next

×	○	○
×	×	
		○

XOO-XXB-BBO

×	○	
×	×	○
		○

XOB-XXO-BBO

×	○	
×	×	
○		○

XOB-XXB-OBO

×	○	
×	×	
	○	○

XOB-XXB-BOO

Strategy #2: Block

		○
×		×
×	○	

BBO-XBX-XOB

	○	×
×		×
○		

BOX-XBX-OB

	×	○
○		
×	×	

BXO-OB-XXB

	×	×
		○
○	×	

BXX-BBO-OB

○		
×		×
	○	×

OB-XXB-BO

○	×	
		○
	×	×

OB-BBO-BX

×	○	
×		×
		○

OB-XXB-BO

×	×	
○		
	×	○

XXB-OB-BO

O plays next

×	○	○
×		×
		○

XOO-XXB-BO

×	○	
×	○	×
		○

XOB-XOX-BO

×	○	
×		×
○		○

XOB-XXB-OB

×	○	
×		×
	○	○

XOB-XXB-BO

Strategy #2: Block

		○
○		×
×	×	

BBO-OBX-XXB

	○	×
		×
○	×	

BOX-BBX-OXB

	×	○
×		
×	○	

BXO-XBB-XOB

	×	×
×		○
○		

BXX-XBO-OB

○		
×		○
	×	×

OBB-XBO-BXX

○	×	
		×
	○	×

OXB-BBX-BOX

×	○	
×		
	×	○

XOB-XBB-BXO

×	×	
○		×
		○

XXB-OBX-BBO

O plays next

×	○	○
×		
	×	○

XOO-XBB-BXO

×	○	
×	○	
	×	○

XOB-XOB-BXO

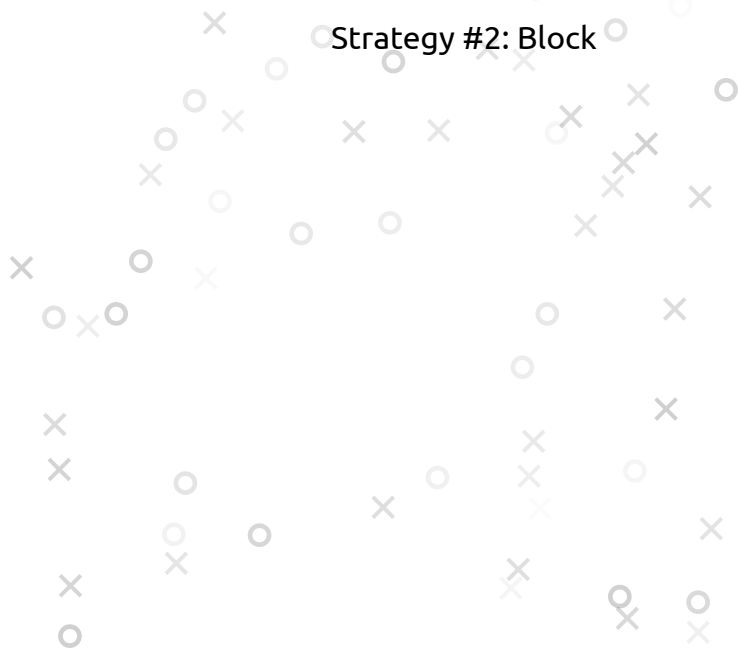
×	○	
×		○
	×	○

XOB-XBO-BXO

×	○	
×		
○	×	○

XOB-XBB-OXO

Strategy #2: Block



	X	X
X	O	O

BBB-BXX-XOO

X	X	
O	O	X

BBB-XXB-OOX

		X
	X	O
	X	O

BBX-BXO-BXO

	X	O
	X	O
		X

BXO-BXO-BBX

O	O	X
X	X	

OOX-XXB-BBB

O	X	
O	X	
X		

OXB-OXB-XBB

X		
O	X	
O	X	

XBB-OXB-OXB

X	O	O
	X	X

XOO-BXX-BBB

O plays next

X	O	O
O	X	X

XOO-OXX-BBB

X	O	O
	X	X
O		

XOO-BXX-OB

X	O	O
	X	X
	O	

XOO-BXX-BOB

X	O	O
	X	X
		O

XOO-BXX-BBO

Strategy #2: Block

		○
	×	○
×		×

BBO-BXO-XBX

		×
	×	
○	○	×

BBX-BXB-OOX

○		
○	×	
×		×

OBB-OXB-XBX

○	○	×
	×	
		×

OOX-BXB-BBX

×		
	×	
×	○	○

XBB-BXB-XOO

×		×
	×	○
		○

XBX-BXO-BBO

×		×
○	×	
○		

XBX-OXB-OB

×	○	○
	×	
×		

XOO-BXB-XBB

O plays next

×	○	○
○	×	
×		

XOO-OXB-XBB

×	○	○
	×	○
×		

XOO-BXO-XBB

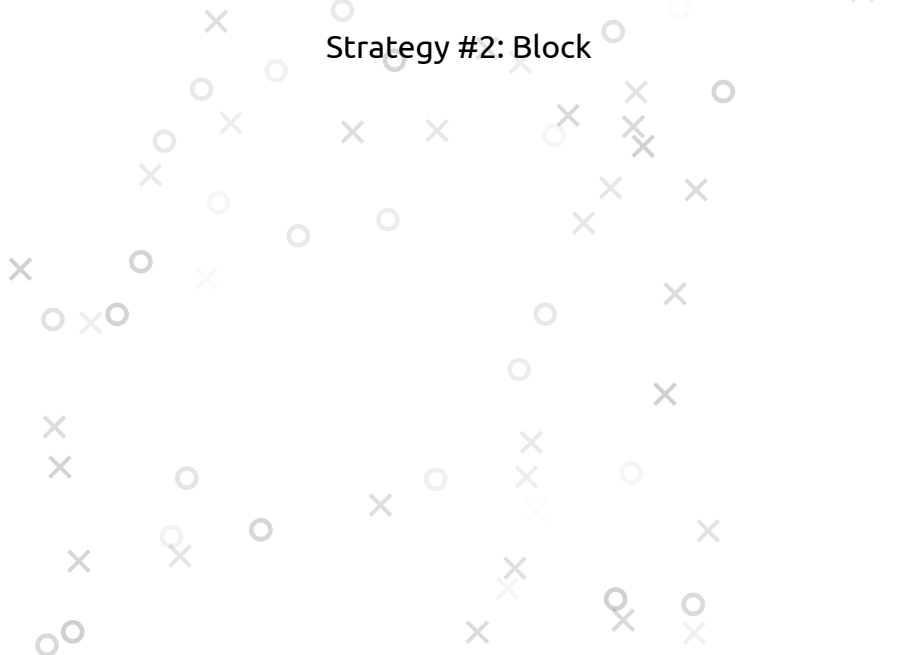
×	○	○
	×	
×	○	

XOO-BXB-XOB

×	○	○
	×	
×		○

XOO-BXB-XBO

Strategy #2: Block



		○
×	×	○
		×

BBO-XXO-BBX

		×
×	×	○
		○

BBX-XXO-BBO

	×	
	×	
○	○	×

BXB-BXB-OOX

	×	
	×	
×	○	○

BXB-BXB-XOO

○		
○	×	×
×		

OBB-OXX-XBB

○	○	×
	×	
	×	

OOX-BXB-BXB

×		
○	×	×
○		

XBB-OXX-OBB

×	○	○
	×	
	×	

XOO-BXB-BXB

O plays next

×	○	○
○	×	
	×	

XOO-OXB-BXB

×	○	○
	×	○
	×	

XOO-BXO-BXB

×	○	○
	×	
○	×	

XOO-BXB-OXB

×	○	○
	×	
	×	○

XOO-BXB-BXO

Strategy #2: Block

○	×	×
×	○	

BBB-OXX-XOB

×	×	○
	○	×

BBB-XXO-BOX

	○	×
	×	○
	×	

BOX-BXO-BXB

	○	×
×	×	○

BOX-XXO-BBB

	×	
	×	○
	○	×

BXB-BXO-BOX

	×	
○	×	
×	○	

BXB-OXB-XOB

×	○	
○	×	
	×	

XOB-OXB-BXB

×	○	
○	×	×

XOB-OXX-BBB

O plays next

×	○	○
○	×	×

XOO-OXX-BBB

×	○	
○	×	×
○		

XOB-OXX-OBB

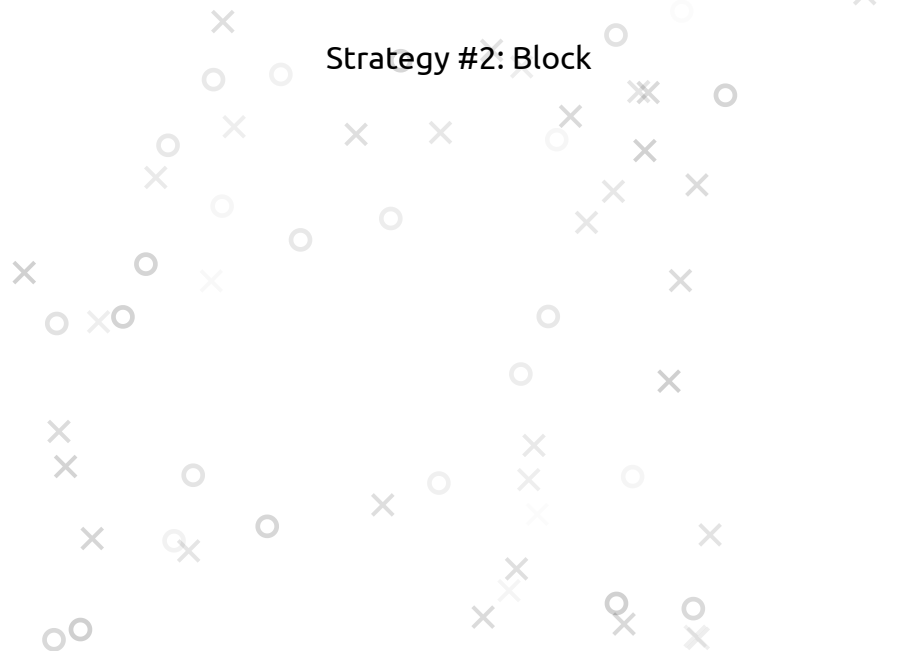
×	○	
○	×	×
	○	

XOB-OXX-BOB

×	○	
○	×	×
		○

XOB-OXX-BBO

Strategy #2: Block



		X
O	X	
	O	X

BBX-OXB-BOX

	O	
	X	O
X		X

BOB-BXO-XBX

	O	
O	X	
X		X

BOB-OXB-XBX

	O	X
O	X	
		X

BOX-OXB-BBX

X		
	X	O
X	O	

XBB-BXO-XOB

X		X
	X	O
	O	

XBX-BXO-BOB

X		X
O	X	
	O	

XBX-OXB-BOB

X	O	
	X	O
X		

XOB-BXO-XBB

O plays next

X	O	O
	X	O
X		

XOO-BXO-XBB

X	O	
O	X	O
X		

XOB-OXO-XBB

X	O	
	X	O
X	O	

XOB-BXO-XOB

X	O	
	X	O
X		O

XOB-BXO-XBO

Strategy #2: Block

		X
X	X	O
	O	

BBX-XXO-BOB

	O	
O	X	X
X		

BOB-OXX-XBB

	O	
X	X	O
		X

BOB-XXO-BBX

	O	X
O	X	
	X	

BOX-OXB-BXB

	X	
	X	O
X	O	

BXB-BXO-XOB

	X	
O	X	
	O	X

BXB-OXB-BOX

X		
O	X	X
	O	

XBB-OXX-BOB

X	O	
	X	O
	X	

XOB-BXO-BXB

O plays next

X	O	O
	X	O
	X	

XOO-BXO-BXB

X	O	
O	X	O
	X	

XOB-OXO-BXB

X	O	
	X	O
O	X	

XOB-BXO-OXB

X	O	
	X	O
	X	O

XOB-BXO-BXO

Strategy #2: Block



		O
X	X	
	O	X

BBO-XXB-BOX

	O	X
X	X	
		O

BOX-XXB-BBO

	X	
	X	O
O		X

BXB-BXO-OBX

	X	
O	X	
X		O

BXB-OBX-XBO

O		
	X	X
X	O	

OBB-BXX-XOB

O		X
	X	O
	X	

OBX-BXO-BXB

X		O
O	X	
	X	

XBO-OBX-BXB

X	O	
	X	X
O		

XOB-BXX-OB

O plays next

X	O	O
	X	X
O		

XOO-BXX-OB

X	O	
O	X	X
O		

XOB-OXX-OB

X	O	
	X	X
O	O	

XOB-BXX-OB

X	O	
	X	X
O		O

XOB-BXX-OB

Strategy #2: Block

○	×	×
×		○

BBB-OXX-XBO

×	×	○
○		×

BBB-XXO-OBX

	○	×
	×	
	×	○

BOX-BXB-BXO

	×	○
	×	
	○	×

BXO-BXB-BOX

○		×
×	×	○

OBX-XXO-BBB

○	×	
	×	
×	○	

OXB-BXB-XOB

×		○
○	×	×

XBO-OXX-BBB

×	○	
	×	
○	×	

XOB-BXB-OXB

O plays next

×	○	○
	×	
○	×	

XOO-BXB-OXB

×	○	
○	×	
○	×	

XOB-OXB-OXB

×	○	
	×	○
○	×	

XOB-BXO-OXB

×	○	
	×	
○	×	○

XOB-BXB-OXO

Strategy #2: Block

		X
O	X	O
	X	

BBX-OXO-BXB

	O	
	X	X
X	O	

BOB-BXX-XOB

	O	
X	X	
	O	X

BOB-XXB-BOX

	O	X
X	X	
	O	

BOX-XXB-BOB

	X	
O	X	O
		X

BXB-OXO-BBX

	X	
O	X	O
X		

BXB-OXO-XBB

X		
O	X	O
	X	

XBB-OXO-BXB

X	O	
	X	X
	O	

XOB-BXX-BOB

O plays next

X	O	O
	X	X
	O	

XOO-BXX-BOB

X	O	
O	X	X
	O	

XOB-OXX-BOB

X	O	
	X	X
O	O	

XOB-BXX-OOB

X	O	
	X	X
	O	O

XOB-BXX-BOO

Strategy #2: Block

○	×	○
×		×

BBB-OXO-XBX

	○	×
	×	
	○	×

BOX-BXB-BOX

×		×
○	×	○

XBX-OXO-BBB

×	○	
	×	
×	○	

XOB-BXB-XOB

O plays next

×	○	○
	×	
×	○	

XOO-BXB-XOB

×	○	
○	×	
×	○	

XOB-OXB-XOB

×	○	
	×	○
×	○	

XOB-BXO-XOB

×	○	
	×	
×	○	○

XOB-BXB-XOO

Strategy #2: Block

		O
	X	X
X	O	

BBO-BXX-XOB

		X
	X	O
O	X	

BBX-BXO-OXB

	O	X
X	X	
O		

BOX-XXB-OB

	X	O
O	X	
X		

BXO-OXB-XBB

O		
X	X	
	O	X

OBB-XXB-BOX

O	X	
	X	O
		X

OXB-BXO-BBX

X		
O	X	
	X	O

XBB-OXB-BXO

X	O	
	X	X
		O

XOB-BXX-BBO

O plays next

X	O	O
	X	X
		O

XOO-BXX-BBO

X	O	
O	X	X
		O

XOB-OXX-BBO

X	O	
	X	X
O		O

XOB-BXX-OB

X	O	
	X	X
	O	O

XOB-BXX-BBO

Strategy #2: Block

		○
○	×	
×		×

BBO-OXB-XBX

	○	×
	×	
○		×

BOX-BXB-OBX

○		
	×	○
×		×

OBB-BXO-XBX

○		×
	×	
	○	×

OBX-BXB-BOX

×		○
	×	
×	○	

XBO-BXB-XOB

×		×
	×	○
○		

XBX-BXO-OBX

×		×
○	×	
		○

XBX-OXB-BBO

×	○	
	×	
×		○

XOB-BXB-XBO

O plays next

×	○	○
	×	
×		○

XOO-BXB-XBO

×	○	
○	×	
×		○

XOB-OXB-XBO

×	○	
	×	○
×		○

XOB-BXO-XBO

×	○	
	×	
×	○	○

XOB-BXB-XOO

Strategy #2: Block

		○
○	×	×
×		

BBO-OXX-XBB

		×
×	×	○
○		

BBX-XXO-OBB

	○	×
	×	
○	×	

BOX-BXB-OXB

	×	○
	×	
×	○	

BXO-BXB-XOB

○		
×	×	○
		×

OBB-XXO-BBX

○	×	
	×	
	○	×

OXB-BXB-BOX

×		
○	×	×
		○

XBB-OXX-BBO

×	○	
	×	
	×	○

XOB-BXB-BXO

O plays next

×	○	○
	×	
	×	○

XOO-BXB-BXO

×	○	
○	×	
	×	○

XOB-OXB-BXO

×	○	
	×	○
	×	○

XOB-BXO-BXO

×	○	
	×	
○	×	○

XOB-BXB-OXO

Strategy #4: Block an opponent's fork

		X
X		
O	O	X

BBX-XBB-OOX

	X	O
		O
X		X

BXO-BBO-XBX

O	O	X
X		
		X

OOX-XBB-BBX

O	X	
O		
X		X

OXB-OBX-XBX

X		
		X
X	O	O

XBB-BBX-XOO

X		X
		O
	X	O

XBX-BBO-BXO

X		X
O		
O	X	

XBX-OBX-OXB

X	O	O
		X
X		

XOO-BBX-XBB

O plays next

X	O	O
O		X
X		

XOO-OBX-XBB

X	O	O
	O	X
X		

XOO-BOX-XBB

X	O	O
		X
X	O	

XOO-BBX-XOB

X	O	O
		X
X		O

XOO-BBX-XBO

Strategy #2: Block

		X
X		O
	X	O

BBX-XBO-BXO

	X	
		X
X	O	O

BXB-BBX-XOO

	X	
X		
O	O	X

BXB-XBB-OOX

	X	O
X		O
		X

BXO-XBO-BBX

O	O	X
X		
	X	

OOX-XBB-BXB

O	X	
O		X
X		

OXB-OBX-XBB

X		
O		X
O	X	

XBB-OBX-OBX

X	O	O
		X
	X	

XOO-BBX-BXB

O plays next

X	O	O
O		X
	X	

XOO-OBX-BXB

X	O	O
	O	X
	X	

XOO-BOX-BXB

X	O	O
		X
O	X	

XOO-BBX-OBX

X	O	O
		X
	X	O

XOO-BBX-BXO

Strategy #4: Block an opponent's fork

		X
		O
X	X	O

BBX-BBO-XXO

		X
		X
X	O	O

BBX-BBX-XOO

O	O	X
X		
X		

OOX-XBB-XBB

O	X	X
O		
X		

OXX-OBB-XBB

X		
O		
O	X	X

XBB-OBB-OXX

X		
X		
O	O	X

XBB-XBB-OOX

X	O	O
		X
		X

XOO-BBX-BBX

X	X	O
		O
		X

XXO-BBO-BBX

O plays next

X	O	O
O		X
		X

XOO-OBX-BBX

X	O	O
	O	X
		X

XOO-BOX-BBX

X	O	O
		X
O		X

XOO-BBX-OBX

X	O	O
		X
	O	X

XOO-BBX-BOX

Strategy #2: Block

BOX-XBO-BXB

	○	×
×		○
	×	

BOX-XBO-BXB

	×	
○		×
×	○	

BXB-OBX-XOB

	×	
×		○
	○	×

BXB-XBO-BOX

×	○	
○		×
	×	

XOB-OBX-BXB

O plays next

×	○	○
○		×
	×	

XOO-OBX-BXB

×	○	
○	○	×
	×	

XOB-OOX-BXB

×	○	
○		×
○	×	

XOB-OBX-OXB

×	○	
○		×
	×	○

XOB-OBX-BXO

Strategy #4: Block an opponent's fork

		X
O		X
X	O	

BBX-OBX-XOB

	O	X
		O
X	X	

BOX-BBO-XXB

	O	X
X		O
X		

BOX-XBO-XBB

	X	X
O		
X	O	

BXX-OBX-XOB

X		
X		O
	O	X

XBB-XBO-BOX

X	O	
O		
	X	X

XOB-OBX-BXX

X	O	
O		X
		X

XOB-OBX-BBX

X	X	
		O
	O	X

XXB-BBO-BOX

O plays next

X	O	O
O		X
		X

XOO-OBX-BBX

X	O	
O	O	X
		X

XOB-OOX-BBX

X	O	
O		X
O		X

XOB-OBX-OBX

X	O	
O		X
	O	X

XOB-OBX-BOX

Strategy #2: Block

		X
X	O	
	O	X

BBX-XOB-BOX

	O	X
X	O	
		X

BOX-XOB-BBX

	X	
	O	O
X		X

BXB-BOO-XBX

	X	
O	O	
X		X

BXB-OOB-XBX

X		
	O	X
X	O	

XBB-BOX-XOB

X		X
	O	O
	X	

XBX-BOO-BXB

X		X
O	O	
	X	

XBX-OOB-BXB

X	O	
	O	X
X		

XOB-BOX-XBB

O plays next

X	O	O
	O	X
X		

XOO-BOX-XBB

X	O	
O	O	X
X		

XOB-OOX-XBB

X	O	
	O	X
X	O	

XOB-BOX-XOB

X	O	
	O	X
X		O

XOB-BOX-XBO

Strategy #1: Win

		X
X	O	O
	X	

BBX-XOO-BXB

	O	X
X	O	
	X	

BOX-XOB-BXB

	X	
	O	X
X	O	

BXB-BOX-XOB

	X	
O	O	X
X		

BXB-OOX-XBB

	X	
X	O	
	O	X

BXB-XOB-BOX

	X	
X	O	O
		X

BXB-XOO-BBX

X		
O	O	X
	X	

XBB-OOX-BXB

X	O	
	O	X
	X	

XOB-BOX-BXB

O plays next

X	O	O
	O	X
	X	

XOO-BOX-BXB

X	O	
O	O	X
	X	

XOB-OOX-BXB

X	O	
	O	X
O	X	

XOB-BOX-OXB

X	O	
	O	X
	X	O

XOB-BOX-BXO

Strategy #4: Block an opponent's fork

		X
	O	O
X	X	

BBX-BOO-XXB

		X
	O	X
X	O	

BBX-BOX-XOB

	O	X
X	O	
X		

BOX-XOB-XBB

	X	X
O	O	
X		

BXX-OOB-XBB

X		
O	O	
	X	X

XBB-OOB-BXX

X		
X	O	
	O	X

XBB-XOB-BOX

X	O	
	O	X
		X

XOB-BOX-BBX

X	X	
	O	O
		X

XXB-BOO-BBX

O plays next

X	O	O
	O	X
		X

XOO-BOX-BBX

X	O	
O	O	X
		X

XOB-OOX-BBX

X	O	
	O	X
O		X

XOB-BOX-OBX

X	O	
	O	X
	O	X

XOB-BOX-BOX

Strategy #1: Win

	○	×
×		
	×	○

BOX-XBB-BXO

	×	
○		×
×		○

BXB-OBX-XBO

	×	
×		○
○		×

BXB-XBO-OBX

	×	○
×		
	○	×

BXO-XBB-BOX

○		×
×		○
	×	

OBX-XBO-BXB

○	×	
		×
×	○	

OXB-BBX-XOB

×		○
○		×
	×	

XBO-OBX-BXB

×	○	
		×
○	×	

XOB-BBX-OBX

O plays next

×	○	○
		×
○	×	

XOO-BBX-OBX

×	○	
○		×
○	×	

XOB-OBX-OBX

×	○	
	○	×
○	×	

XOB-BOX-OBX

×	○	
		×
○	×	○

XOB-BBX-OXO

Strategy #4: Block an opponent's fork

	○	×
×		
×		○

BOX-XBB-XBO

	×	×
○		
×		○

BXX-OBX-XBO

○		×
		○
×	×	

OBX-BBO-XXB

○		×
		×
×	○	

OBX-BBX-XOB

×		○
○		
	×	×

XBO-OBX-BXX

×		○
×		
	○	×

XBO-XBB-BOX

×	○	
		×
○		×

XOB-BBX-OBX

×	×	
		○
○		×

XXB-BBO-OBX

O plays next

×	○	○
		×
○		×

XOO-BBX-OBX

×	○	
○		×
○		×

XOB-OBX-OBX

×	○	
	○	×
○		×

XOB-BOX-OBX

×	○	
		×
○	○	×

XOB-BBX-OOX

Strategy #2: Block

	○	×
×		
	○	×

BOX-XBB-BOX

	×	
○		○
×		×

BXB-OBO-XBX

×		×
○		○
	×	

XBX-OBO-BXB

×	○	
		×
×	○	

XOB-BBX-XOB

O plays next

×	○	○
		×
×	○	

XOO-BBX-XOB

×	○	
○		×
×	○	

XOB-OBX-XOB

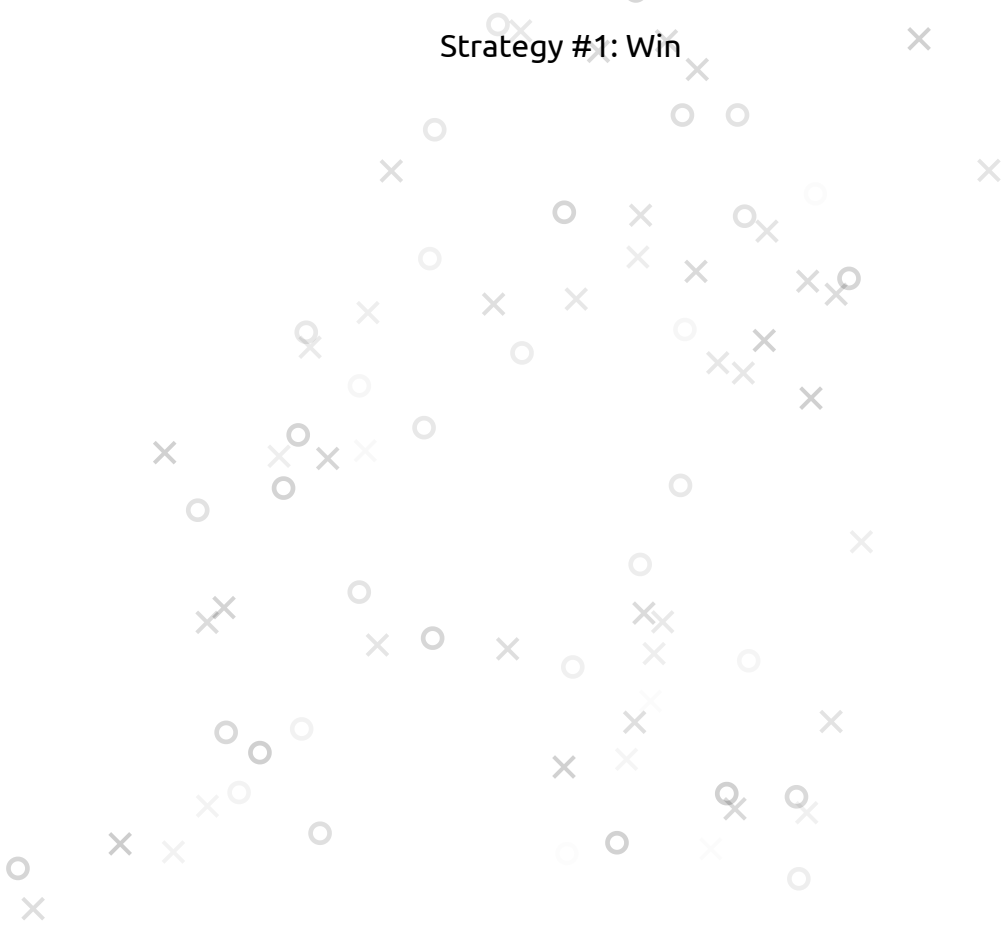
×	○	
	○	×
×	○	

XOB-BOX-XOB

×	○	
		×
×	○	○

XOB-BBX-XOO

Strategy #1: Win



	○	×
×		
○		×

BOX-XBB-OBX

	×	○
○		
×		×

BXO-OBX-XBX

○		×
×		
	○	×

OBX-XBB-BOX

○	×	
		○
×		×

OXB-BBO-XBX

×		○
		×
×	○	

XBO-BBX-XOB

×		×
		○
○	×	

XBX-BBO-AXB

×		×
○		
	×	○

XBX-OBX-BXO

×	○	
		×
×		○

XOB-BBX-XBO

O plays next

×	○	○
		×
×		○

XOO-BBX-XBO

×	○	
○		×
×		○

XOB-OBX-XBO

×	○	
	○	×
×		○

XOB-BOX-XBO

×	○	
		×
×	○	○

XOB-BBX-XOO

Strategy #2: Block

		X
X		O
O	X	

BBX-XBO-OXB

	O	X
X		
O	X	

BOX-XBB-OXB

	X	O
		X
X	O	

BXO-BBX-XOB

	X	O
O		X
X		

BXO-OBX-XBB

O	X	
X		
	O	X

OXB-XBB-BOX

O	X	
X		O
		X

OXB-XBO-BBX

X		
O		X
	X	O

XBB-OBX-BXO

X	O	
		X
	X	O

XOB-BBX-BXO

O plays next

X	O	O
		X
	X	O

XOO-BBX-BXO

X	O	
O		X
	X	O

XOB-OBX-BXO

X	O	
	O	X
	X	O

XOB-BOX-BXO

X	O	
		X
O	X	O

XOB-BBX-OXO

Strategy #4: Block an opponent's fork

		○
×		○
×		×

BBO-XBO-XBX

	×	×
○	○	×

BXX-BBB-OOX

○		
○		×
×		×

OBB-OBX-XBX

○	○	×
	×	×

OOX-BBB-BXX

×		×
○		×
○		

XBX-OBX-OB

×		×
×		○
		○

XBX-XBO-BBO

×	○	○
×	×	

XOO-BBB-XXB

×	×	
×	○	○

XXB-BBB-XOO

O plays next

×	○	○
○		
×	×	

XOO-OB-XXB

×	○	○
	○	
×	×	

XOO-BOB-XXB

×	○	○
		○
×	×	

XOO-BBO-XXB

×	○	○
×	×	○

XOO-BBB-XXO

Strategy #2: Block

○		×
○		
×		×

OBX-OBB-XBX

○	○	×
×		×

OOX-BBB-XBX

×		○
		○
×		×

XBO-BBO-XBX

×		×
○	○	×

XBX-BBB-OOX

×		×
×	○	○

XBX-BBB-XOO

×		×
		○
×		○

XBX-BBO-XBO

×		×
○		
○		×

XBX-OBB-OBX

×	○	○
×		×

XOO-BBB-XBX

O plays next

×	○	○
○		
×		×

XOO-OBX-XBX

×	○	○
	○	
×		×

XOO-BOB-XBX

×	○	○
		○
×		×

XOO-BBO-XBX

×	○	○
×	○	×

XOO-BBB-XOX

Strategy #2: Block

○	○	×
×		×

BBB-OOX-XBX

×	○	○
×		×

BBB-XOO-XBX

	○	×
	○	
	×	×

BOX-BOB-BXX

	×	×
	○	
	○	×

BXX-BOB-BOX

×		×
○	○	×

XBX-OOX-BBB

×		×
×	○	○

XBX-XOO-BBB

×	○	
	○	
×	×	

XOB-BOB-XXB

×	×	
	○	
×	○	

XXB-BOB-XOB

O plays next

×	○	○
	○	
×	×	

XOO-BOB-XXB

×	○	
○	○	
×	×	

XOB-OOB-XXB

×	○	
	○	○
×	×	

XOB-BOO-XXB

×	○	
	○	
×	×	○

XOB-BOB-XXO

Strategy #2: Block

		X
O	O	
X		X

BBX-OOB-XBX

	O	X
	O	
X		X

BOX-BOB-XBX

X		
	O	O
X		X

XBB-BOO-XBX

X		X
	O	
	O	X

XBX-BOB-BOX

X		X
	O	
X	O	

XBX-BOB-XOB

X		X
	O	O
X		

XBX-BOO-XBB

X		X
O	O	
		X

XBX-OOB-BBX

X	O	
	O	
X		X

XOB-BOB-XBX

O plays next

X	O	O
	O	
X		X

XOO-BOB-XBX

X	O	
O	O	
X		X

XOB-OOB-XBX

X	O	
	O	O
X		X

XOB-BOO-XBX

X	O	
	O	
X	O	X

XOB-BOB-XOX

Strategy #1: Win

	○	
○		×
×		×

BOB-OBX-XBX

	○	
×		○
×		×

BOB-XBO-XBX

	○	×
○		
	×	×

BOX-OBX-BXX

	×	×
○		
	○	×

BXX-OBX-BOX

×		×
○		×
	○	

XBX-OBX-BOB

×		×
×		○
	○	

XBX-XBO-BOB

×	○	
		○
×	×	

XOB-BBO-XXB

×	×	
		○
×	○	

XXB-BBO-XOB

O plays next

×	○	○
		○
×	×	

XOO-BBO-XXB

×	○	
○		○
×	×	

XOB-OBO-XXB

×	○	
	○	○
×	×	

XOB-BOO-XXB

×	○	
		○
×	×	○

XOB-BBO-XXO

Strategy #2: Block

	○	×
○		
×		×

BOX-OBB-XBX

×		×
		○
×	○	

XBX-BBO-XOB

×		×
○		
	○	×

XBX-OBB-BOX

×	○	
		○
×		×

XOB-BBO-XBX

O plays next

×	○	○
		○
×		×

XOO-BBO-XBX

×	○	
○		○
×		×

XOB-OBO-XBX

×	○	
	○	○
×		×

XOB-BOO-XBX

×	○	
		○
×	○	×

XOB-BBO-XOX

Strategy #2: Block

		○
○		×
×		×

BBO-OBX-XXB

	○	×
○	×	×

BOX-BBB-OXX

○		
×		○
×		×

OBB-XBO-XXB

○	×	×
	○	×

OXX-BBB-BOX

×		×
○		×
		○

XBX-OBX-BBO

×		×
×		○
○		

XBX-XBO-OBX

×	○	
×	×	○

XOB-BBB-XXO

×	×	○
×	○	

XXO-BBB-XOB

O plays next

×	○	○
×	×	○

XOO-BBB-XXO

×	○	
○		
×	×	○

XOB-OBX-XXO

×	○	
	○	
×	×	○

XOB-BOB-XXO

×	○	
		○
×	×	○

XOB-BBO-XXO

Strategy #2: Block

		X
X		O
X		O

BBX-XBO-XBO

	X	X
X	O	O

BXX-BBB-XOO

O		X
O		X
X		

OBX-OBX-XBB

O	O	X
X	X	

OOX-BBB-XXB

X		
O		X
O		X

XBB-OBX-OBX

X		O
X		O
		X

XBO-XBO-BBX

X	O	O
	X	X

XOO-BBB-BXX

X	X	
O	O	X

XXB-BBB-OOX

O plays next

X	O	O
O		
	X	X

XOO-OBX-BXX

X	O	O
	O	
	X	X

XOO-BOB-BXX

X	O	O
		O
	X	X

XOO-BBO-BXX

X	O	O
O	X	X

XOO-BBB-OXX

Strategy #2: Block

		X
O	O	X
X		

BBX-OOX-XBB

		X
X	O	O
X		

BBX-XOO-XBB

	O	X
	O	
X	X	

BOX-BOB-XXB

	X	X
	O	
X	O	

BXX-BOB-XOB

X		
O	O	X
		X

XBB-OOX-BBX

X		
X	O	O
		X

XBB-XOO-BBX

X	O	
	O	
	X	X

XOB-BOB-BXX

X	X	
	O	
	O	X

XXB-BOB-BOX

O plays next

X	O	O
	O	
	X	X

XOO-BOB-BXX

X	O	
O	O	
	X	X

XOB-OOB-BXX

X	O	
	O	O
	X	X

XOB-BOO-BXX

X	O	
	O	
O	X	X

XOB-BOB-OXX

Strategy #2: Block

		X
O		X
X		O

BBX-OBX-XBO

	O	X
X	X	O

BOX-BBB-XXO

O		X
X		O
X		

OBX-XBO-XBB

O	X	X
X	O	

OXX-BBB-XOB

X		
X		O
O		X

XBB-XBO-OBX

X		O
O		X
		X

XBO-OBX-BBX

X	O	
O	X	X

XOB-BBB-OXX

X	X	O
	O	X

XXO-BBB-BOX

O plays next

X	O	O
O	X	X

XOO-BBB-OXX

X	O	
O		
O	X	X

XOB-OBB-OXX

X	O	
	O	
O	X	X

XOB-BOB-OXX

X	O	
		O
O	X	X

XOB-BBO-OXX

Strategy #2: Block

	○	×
○	×	×

BBB-BOX-OXX

×	○	
×	×	○

BBB-XOB-XXO

		○
	○	×
	×	×

BBO-BOX-BXX

	×	×
	○	×
		○

BXX-BOX-BBO

○		
×	○	
×	×	

OBB-XOB-XXB

○	×	×
	○	×

OXX-BOX-BBB

×	×	
×	○	
○		

XXB-XOB-OB

×	×	○
×	○	

XXO-XOB-BBB

O plays next

×	×	○
×	○	○

XXO-XOO-BBB

×	×	○
×	○	
○		

XXO-XOB-OB

×	×	○
×	○	
	○	

XXO-XOB-BOB

×	×	○
×	○	
		○

XXO-XOB-BBO

Strategy #1: Win

	O	X
X	X	O

BBB-BOX-XXO

X	O	
O	X	X

BBB-XOB-OXX

		X
	O	X
	X	O

BBX-BOX-BXO

	X	O
	O	X
		X

BXO-BOX-BBX

O	X	
X	O	
X		

OXB-XOB-XBB

O	X	X
X	O	

OXX-XOB-BBB

X		
X	O	
O	X	

XBB-XOB-OXB

X	X	O
	O	X

XXO-BOX-BBB

O plays next

X	X	O
O	O	X

XXO-OOX-BBB

X	X	O
	O	X
O		

XXO-BOX-OB

X	X	O
	O	X
	O	

XXO-BOX-BOB

X	X	O
	O	X
		O

XXO-BOX-BBO

Strategy #1: Win

		○
	○	×
×		×

BBO-BOX-XBX

		×
	○	
○	×	×

BBX-BOB-OXX

○		
×	○	
×		×

OBB-XOB-XBX

○	×	×
	○	
		×

OXX-BOB-BBX

×		
	○	
×	×	○

XBB-BOB-XXO

×		×
	○	×
		○

XBX-BOX-BBO

×		×
×	○	
○		

XBX-XOB-OB

×	×	○
	○	
×		

XXO-BOB-XBB

O plays next

×	×	○
○	○	
×		

XXO-OOB-XBB

×	×	○
	○	○
×		

XXO-BOO-XBB

×	×	○
	○	
×	○	

XXO-BOB-XOB

×	×	○
	○	
×		○

XXO-BOB-XBO

Strategy #2: Block

		○
×	○	×
		×

BBO-XOX-BBX

		×
×	○	×
		○

BBX-XOX-BBO

	×	
	○	
○	×	×

BXB-BOB-OXX

	×	
	○	
×	×	○

BXB-BOB-XXO

○		
×	○	×
×		

OBB-XOX-XBB

○	×	×
	○	
	×	

OXX-BOB-BXB

×		
×	○	×
○		

XBB-XOX-OBX

×	×	○
	○	
	×	

XXO-BOB-BXB

O plays next

×	×	○
○	○	
	×	

XXO-OOB-BXB

×	×	○
	○	○
	×	

XXO-BOO-BXB

×	×	○
	○	
○	×	

XXO-BOB-OXB

×	×	○
	○	
	×	○

XXO-BOB-BXO

Strategy #1: Win

		X
	O	
X	X	O

BBX-BOB-XXO

		X
	O	X
X		O

BBX-BOX-XBO

O		X
X	O	
X		

OBX-XOB-XBB

O	X	X
	O	
X		

OXX-BOB-XBB

X		
	O	
O	X	X

XBB-BOB-OXX

X		
X	O	
O		X

XBB-XOB-OBX

X		O
	O	X
		X

XBO-BOX-BBX

X	X	O
	O	
		X

XXO-BOB-BBX

O plays next

X	X	O
O	O	
		X

XXO-OOB-BBX

X	X	O
	O	O
		X

XXO-BOO-BBX

X	X	O
	O	
O		X

XXO-BOB-OBX

X	X	O
	O	
	O	X

XXO-BOB-BOX

Strategy #1: Win

○		×
○	×	×

BBB-OBX-OXX

×		○
×	×	○

BBB-XBO-XXO

	○	○
		×
	×	×

BOO-BBX-BXX

	×	×
		×
	○	○

BXX-BBX-BOO

○	○	
×		
×	×	

OOB-XBB-XXB

○	×	×
○		×

OXX-OBX-BBB

×	×	
×		
○	○	

XXB-XBB-OOB

×	×	○
×		○

XXO-XBO-BBB

O plays next

×	×	○
×	○	○

XXO-XOO-BBB

×	×	○
×		○
○		

XXO-XBO-OB

×	×	○
×		○
	○	

XXO-XBO-BOB

×	×	○
×		○
		○

XXO-XBO-BBO

Strategy #1: Win

BBB-BXO-XXO

	X	O
X	X	O

BBB-BXO-XXO

O	X	
O	X	X

BBB-OXB-OXX

		X
	X	X
	O	O

BBX-BXX-BOO

	O	O
	X	X
		X

BOO-BXX-BBX

O	O	
X	X	
X		

OOB-XXB-XBB

O	X	X
O	X	

OXX-OXB-BBB

X		
X	X	
O	O	

XBB-XXB-OOB

X	X	O
	X	O

XXO-BXO-BBB

O plays next

X	X	O
O	X	O

XXO-OXO-BBB

X	X	O
	X	O
O		

XXO-BXO-OB

X	X	O
	X	O
	O	

XXO-BXO-BOB

X	X	O
	X	O
		O

XXO-BXO-BBO

Strategy #1: Win

		X
O		
O	X	X

BBX-OBB-OXX

	O	O
		X
X		X

BOO-BBX-XBX

O	O	
X		
X		X

OOB-XBB-XBX

O	X	X
O		
		X

OXX-OBB-BBX

X		
		O
X	X	O

XBB-BBO-XXO

X		X
		X
	O	O

XBX-BBX-BOO

X		X
X		
O	O	

XBX-XBB-OOB

X	X	O
		O
X		

XXO-BBO-XBB

O plays next

X	X	O
O		O
X		

XXO-OBO-XBB

X	X	O
	O	O
X		

XXO-BOO-XBB

X	X	O
		O
X	O	

XXO-BBO-XOB

X	X	O
		O
X		O

XXO-BBO-XBO

Strategy #1: Win

BBX-XBX-BOO

		X
X		X
	O	O

BBX-XBX-BOO

	O	O
X		X
		X

BOO-XBX-BBX

	X	
		O
X	X	O

BXB-BBO-XXO

	X	
O		
O	X	X

BXB-OBB-OXX

O	O	
X		X
X		

OOB-XBX-XBB

O	X	X
O		
	X	

OXX-OBB-BXB

X		
X		X
O	O	

XBB-XBX-OOB

X	X	O
		O
	X	

XXO-BBO-BXB

O plays next

X	X	O
O		O
	X	

XXO-OBO-BXB

X	X	O
	O	O
	X	

XXO-BOO-BXB

X	X	O
		O
O	X	

XXO-BBO-OXB

X	X	O
		O
	X	O

XXO-BBO-BXO

Strategy #1: Win

		○
		×
○	×	×

BBO-BBX-OXX

○		
×		
×	×	○

OBB-XBB-XXO

○	×	×
		×
		○

OXX-BBX-BBO

×	×	○
×		
○		

XXO-XBB-OB

O plays next

×	×	○
×	○	
○		

XXO-XOB-OB

×	×	○
×		○
○		

XXO-XBO-OB

×	×	○
×		
○	○	

XXO-XBB-OB

×	×	○
×		
○		○

XXO-XBB-OB

Strategy #1: Win

		○
	×	
○	×	×

BBO-BXB-OXX

		○
	×	×
○		×

BBO-BXX-OBX

○		
	×	
×	×	○

OBB-BXB-XXO

○		
×	×	
×		○

OBB-XXB-XBO

○		×
	×	×
		○

OBX-BXX-BBO

○	×	×
	×	
		○

OXX-BXB-BBO

×		○
×	×	
○		

XBO-XXB-OBX

×	×	○
	×	
○		

XXO-BXB-OBX

O plays next

×	×	○
○	×	
○		

XXO-OXB-OBX

×	×	○
	×	○
○		

XXO-BXO-OBX

×	×	○
	×	
○	○	

XXO-BXB-OBX

×	×	○
	×	
○		○

XXO-BXB-OBX

Strategy #2: Block

		○
×		
○	×	×

BBO-XBB-OXX

	×	○
		×
○		×

BXO-BBX-OBX

○		
		×
×	×	○

OBB-BBX-XXO

○		×
		×
	×	○

OBX-BBX-BXO

○	×	
×		
×		○

OXB-XBB-XBO

○	×	×
×		
		○

OXX-XBB-BBO

×		○
×		
○	×	

XBO-XBB-OXB

×	×	○
		×
○		

XXO-BBX-OBX

O plays next

×	×	○
○		×
○		

XXO-OBX-OBX

×	×	○
	○	×
○		

XXO-BOX-OBX

×	×	○
		×
○	○	

XXO-BBX-OOB

×	×	○
		×
○		○

XXO-BBX-OBO

Strategy #1: Win

		○
×		×
○		×

BBO-XBX-OBX

	×	○
○	×	×

BXO-BBB-OXX

○		
×		×
×		○

OBB-XBX-XBO

○		×
×		×
		○

OBX-XBX-BBO

○	×	
×	×	○

OXB-BBB-XXO

○	×	×
	×	○

OXX-BBB-BXO

×		○
×		×
○		

XBO-XBX-OBX

×	×	○
○	×	

XXO-BBB-OXB

O plays next

×	×	○
○		
○	×	

XXO-OBX-OXB

×	×	○
	○	
○	×	

XXO-BOB-OXB

×	×	○
		○
○	×	

XXO-BBO-OXB

×	×	○
○	×	○

XXO-BBB-OXO

Strategy #1: Win

OBX-BBB-XXO

○		×
×	×	○

OBX-BBB-XXO

○		×
		×
×		○

OBX-BBX-XBO

○		×
×		
×		○

OBX-XBB-XBO

○	×	×
×		○

OXX-BBB-XBO

×		○
○	×	×

XBO-BBB-OXX

×		○
		×
○		×

XBO-BBX-OBX

×		○
×		
○		×

XBO-XBB-OBX

×	×	○
○		×

XXO-BBB-OBX

O plays next

×	×	○
○		
○		×

XXO-OBX-OBX

×	×	○
	○	
○		×

XXO-BOB-OBX

×	×	○
		○
○		×

XXO-BBO-OBX

×	×	○
○	○	×

XXO-BBB-OOX

Strategy #1: Win

		○
○		×
	×	×

BBO-OBX-BXX

	○	
		×
○	×	×

BOB-BBX-OXX

	○	
×		
×	×	○

BOB-XBB-XXO

	×	×
○		×
		○

BXX-OBX-BBO

○		
×		○
×	×	

OBB-XBO-XXB

○	×	×
		×
	○	

OXX-BBX-BOB

×	×	
×		○
○		

XXB-XBO-OB

×	×	○
×		
	○	

XXO-XBB-BOB

O plays next

×	×	○
×	○	
	○	

XXO-XOB-BOB

×	×	○
×		○
	○	

XXO-XBO-BOB

×	×	○
×		
○	○	

XXO-XBB-OOB

×	×	○
×		
	○	○

XXO-XBB-BOO

Strategy #2: Block

		○
○	×	×
		×

BBO-OXX-BBX

		×
○	×	×
		○

BBX-OXX-BBO

	○	
	×	
○	×	×

BOB-BXB-OXX

	○	
	×	
×	×	○

BOB-BXB-XXO

○		
×	×	○
×		

OBB-XXO-XBB

○	×	×
	×	
	○	

OXX-BXB-BOB

×		
×	×	○
○		

XBB-XXO-OB

×	×	○
	×	
	○	

XXO-BXB-BOB

O plays next

×	×	○
○	×	
	○	

XXO-OXB-BOB

×	×	○
	×	○
	○	

XXO-BXO-BOB

×	×	○
	×	
○	○	

XXO-BXB-OOB

×	×	○
	×	
	○	○

XXO-BXB-BOO

Strategy #2: Block

		X
O		X
	X	O

BBX-OBX-BXO

	O	
		X
X	X	O

BOB-BBX-XXO

	O	
X		
O	X	X

BOB-XBB-OXX

	X	O
O		X
		X

BXO-OBX-BBX

O	X	
X		O
X		

OXB-XBO-XBB

O	X	X
X		
	O	

OXX-XBB-BOB

X		
X		O
O	X	

XBB-XBO-OXB

X	X	O
		X
	O	

XXO-BBX-BOB

O plays next

X	X	O
O		X
	O	

XXO-OBX-BOB

X	X	O
	O	X
	O	

XXO-BOX-BOB

X	X	O
		X
O	O	

XXO-BBX-OOB

X	X	O
		X
	O	O

XXO-BBX-BOO

Strategy #3: Fork the game

BBO-XBB-XXO

		○
×		
×	×	○

BBO-XBB-XXO

	×	×
		×
○		○

BXX-BBX-OBO

○		
		×
○	×	×

OBB-BBX-OXX

○		○
		×
	×	×

OBO-BBX-BXX

○		○
×		
×	×	

OBO-XBB-XXB

○	×	×
		×
○		

OXX-BBX-OB

×	×	
×		
○		○

XXB-XBB-OBO

×	×	○
×		
		○

XXO-XBB-BBO

O plays next

×	×	○
×	○	
		○

XXO-XOB-BBO

×	×	○
×		○
		○

XXO-XBO-BBO

×	×	○
×		
○		○

XXO-XBB-OBO

×	×	○
×		
	○	○

XXO-XBB-BOO

Strategy #1: Win

		○
	×	
×	×	○

BBO-BXB-XXO

		×
	×	×
○		○

BBX-BXX-OBO

○		
	×	
○	×	×

OBB-BXB-OXX

○		○
	×	×
		×

OBO-BXX-BBX

○		○
×	×	
×		

OBO-XXB-XBB

○	×	×
	×	
○		

OXX-BXB-OB

×		
×	×	
○		○

XBB-XXB-OBO

×	×	○
	×	
		○

XXO-BXB-BBO

O plays next

×	×	○
○	×	
		○

XXO-OXB-BBO

×	×	○
	×	○
		○

XXO-BXO-BBO

×	×	○
	×	
○		○

XXO-BXB-OBO

×	×	○
	×	
	○	○

XXO-BXB-BBO

Strategy #1: Win

		○
		×
×	×	○

BBO-BBX-XXO

		×
		×
○	×	○

BBX-BBX-OXO

○		
×		
○	×	×

OBB-XBB-OXX

○	×	○
		×
		×

OXO-BBX-BBX

○	×	○
×		
×		

OXO-XBB-XBB

○	×	×
×		
○		

OXX-XBB-OBX

×		
×		
○	×	○

XBB-XBB-OXO

×	×	○
		×
		○

XXO-BBX-BBO

O plays next

×	×	○
○		×
		○

XXO-OBX-BBO

×	×	○
	○	×
		○

XXO-BOX-BBO

×	×	○
		×
○		○

XXO-BBX-OBO

×	×	○
		×
	○	○

XXO-BBX-BOO

Strategy #3: Fork the game

○		○
		×
×		×

OBO-BBX-XBX

○		○
×		
×		×

OBO-XBB-XBX

○		×
○	×	×

OBX-BBB-OXX

○	×	×
○		×

OXX-BBB-OBX

×		○
×	×	○

XBO-BBB-XXO

×		×
		×
○		○

XBX-BBX-OBO

×		×
×		
○		○

XBX-XBB-OBO

×	×	○
×		○

XXO-BBB-XBO

O plays next

×	×	○
○		
×		○

XXO-OBX-XBO

×	×	○
	○	
×		○

XXO-BOB-XBO

×	×	○
		○
×		○

XXO-BBO-XBO

×	×	○
×	○	○

XXO-BBB-XOO

Strategy #1: Win

		X
X		X
O		O

BBX-XBX-OBO

	X	O
X	X	O

BXO-BBB-XXO

O		O
X		X
		X

OBO-XBX-BBX

O		O
X		X
X		

OBO-XBX-XBB

O	X	
O	X	X

OXB-BBB-OXX

O	X	X
O	X	

OXX-BBB-OXB

X		
X		X
O		O

XBB-XBX-OBO

X	X	O
	X	O

XXO-BBB-BXO

O plays next

X	X	O
O		
	X	O

XXO-OBX-BXO

X	X	O
	O	
	X	O

XXO-BOB-BXO

X	X	O
		O
	X	O

XXO-BBO-BXO

X	X	O
O	X	O

XXO-BBB-OBX

Strategy #1: Win

							X	O		X	X
X	O	X	X	O	X		O			O	
O		X	X		O		X	X		X	O

BBB-XOX-OBX BBB-XOX-XBO BXO-BOB-BXX BXX-BOB-BXO

O		X	O	X		X		O	X	X	
X	O	X		O		X	O	X		O	
			X	X					O	X	

OBX-XOX-BBB OXB-BOB-XXB XBO-XOX-BBB XXB-BOB-OXB

O plays next

X	O	O	X		O	X		O	X		O
X	O	X	X	O	X	X	O	X	X	O	X
			O				O				O

XOO-XOX-BBB XBO-XOX-OBX XBO-XOX-BOB XBO-XOX-BBO

Strategy #1: Win

		○
×	○	
	×	×

BBO-XOB-BXX

	×	
	○	×
○		×

BXB-BOX-OBX

	×	
×	○	
×		○

BXB-XOB-XBO

	×	×
×	○	
		○

BXX-XOB-BBO

○		
	○	×
×	×	

OBB-BOX-XXB

○		×
	○	×
	×	

OBX-BOX-BXB

×		○
×	○	
	×	

XBO-XOB-BXB

×	×	
	○	×
○		

XXB-BOX-OBX

O plays next

×	○	○
×	○	
	×	

XOO-XOB-BXB

×		○
×	○	○
	×	

XBO-XOO-BXB

×		○
×	○	
○	×	

XBO-XOB-OXB

×		○
×	○	
	×	○

XBO-XOB-BXO

Strategy #1: Win

		X
X	O	
X		O

BBX-XOB-XBO

	X	X
	O	
X		O

BXX-BOB-XBO

O		X
	O	
X	X	

OBX-BOB-XXB

O		X
	O	X
X		

OBX-BOX-XBB

X		
	O	X
O		X

XBB-BOX-OBX

X		O
	O	
	X	X

XBO-BOB-BXX

X		O
X	O	
		X

XBO-XOB-BBX

X	X	
	O	
O		X

XXB-BOB-OBX

O plays next

X	O	O
X	O	
		X

XOO-XOB-BBX

X		O
X	O	O
		X

XBO-XOO-BBX

X		O
X	O	
O		X

XBO-XOB-OBX

X		O
X	O	
	O	X

XBO-XOB-BOX

Strategy #1: Win

○	×	×
○		×

BBB-OXX-OBX

×	×	○
×		○

BBB-XXO-XBO

	○	○
	×	
	×	×

BOO-BXB-BXX

	×	×
	×	
	○	○

BXX-BXB-BOO

○		×
○	×	×

OBX-OXX-BBB

○	○	
	×	
×	×	

OOB-BXB-XXB

×		○
×	×	○

XBO-XXO-BBB

×	×	
	×	
○	○	

XXB-BXB-OOB

O plays next

×	○	○
×	×	○

XOO-XXO-BBB

×		○
×	×	○
○		

XBO-XXO-OB

×		○
×	×	○
	○	

XBO-XXO-BOB

×		○
×	×	○
		○

XBO-XXO-BBO

Strategy #1: Win

		○	○			×				×				×	×
×				○			×	×			○	×			
		×	×	○			×	×			○		○		○

BOO-XBB-BXX BXB-OBX-OBX BXB-XBO-XBO BXX-XBB-BOO

○			×	○	○			×			○	×	×		
○			×				×	×			○				×
		×		×	×					×		○	○		

OBX-OBX-BXB OOB-BBX-XXB XBO-XBO-BXB XXB-BBX-OOB

O plays next

×	○	○	×		○	×		○	×		○
×		○	×	○	○	×		○	×		○
	×			×		○	×			×	○

XOO-XBO-BXB XBO-XOO-BXB XBO-XBO-OBX XBO-XBO-BXO

Strategy #1: Win

		○
○	×	
	×	×

BBO-OXB-BXX

	○	
	×	×
○		×

BOB-BXX-OBX

	○	
×	×	
×		○

BOB-XXB-XBO

	×	×
○	×	
		○

BXX-OXB-BBO

○		
	×	○
×	×	

OBB-BXO-XXB

○		×
	×	×
	○	

OBX-BXX-BOB

×		○
×	×	
	○	

XBO-XXB-BOB

×	×	
	×	○
○		

XXB-BXO-OB

O plays next

×	○	○
×	×	
	○	

XOO-XXB-BOB

×		○
×	×	○
	○	

XBO-XXO-BOB

×		○
×	×	
○	○	

XBO-XXB-OOB

×		○
×	×	
	○	○

XBO-XXB-BOO

Strategy #2: Block

BOB-XBX-OBX	BOB-XBX-XBO	BXO-OBX-BXX	BXX-OBX-BXO
OBX-XBX-BOB	OXB-BBO-XXB	XBO-XBX-BOB	XXB-BBO-OXB

O plays next

XOO-XBX-BOB	XBO-XOX-BOB	XBO-XBX-OOB	XBO-XBX-BOO

Strategy #2: Block

		○
×	×	
×		○

BBO-XXB-XBO

	×	×
	×	
○		○

BXX-BXB-OBO

○		
	×	×
○		×

OBB-BXX-OBX

○		○
	×	
	×	×

OBO-BXB-BXX

○		○
	×	
×	×	

OBO-BXB-XXB

○		×
	×	×
○		

OBX-BXX-OBX

×		○
×	×	
		○

XBO-XXB-BBO

×	×	
	×	
○		○

XXB-BXB-OBO

O plays next

×	○	○
×	×	
		○

XOO-XXB-BBO

×		○
×	×	○
		○

XBO-XXO-BBO

×		○
×	×	
○		○

XBO-XXB-OBO

×		○
×	×	
	○	○

XBO-XXB-BOO

Strategy #1: Win

BBO-XBX-XBO	BXX-BBB-OXO	OBB-XBX-OBX	OBX-XBX-OBB

OXO-BBB-BXX	OXO-BBB-XXB	XBO-XBX-BBO	XXB-BBB-OXO

O plays next

XOO-XBX-BBO	XBO-XOX-BBO	XBO-XBX-OBO	XBO-XBX-BOO

Strategy #2: Block

	X	O
X		
X		O

BXO-XBB-XBO

	X	X
X		
O		O

BXX-XBB-OBO

O		O
		X
X	X	

OBO-BBX-XXB

O		O
X		
	X	X

OBO-XBB-BXX

O		X
		X
O	X	

OBX-BBX-OXB

O	X	
		X
O		X

OXB-BBX-OBX

X		O
X		
	X	O

XBO-XBB-BXO

X	X	
		X
O		O

XXB-BBX-OBO

O plays next

X	O	O
X		
	X	O

XOO-XBB-BXO

X		O
X	O	
	X	O

XBO-XOB-BXO

X		O
X		O
	X	O

XBO-XBO-BXO

X		O
X		
O	X	O

XBO-XBB-OXO

Strategy #1: Win

		X
O	X	
O		X

BBX-OXB-OBX

	O	O
	X	
X		X

BOO-BXB-XBX

O		X
O	X	
		X

OBX-OXB-BBX

O	O	
	X	
X		X

OOB-BXB-XBX

X		
	X	O
X		O

XBB-BXO-XBO

X		O
	X	O
X		

XBO-BXO-XBB

X		X
	X	
	O	O

XBX-BXB-BOO

X		X
	X	
O	O	

XBX-BXB-OOB

O plays next

X	O	O
	X	O
X		

XOO-BXO-XBB

X		O
O	X	O
X		

XBO-OXO-XBB

X		O
	X	O
X	O	

XBO-BXO-XOB

X		O
	X	O
X		O

XBO-BXO-XBO

Strategy #1: Win

		X
X	X	
	O	O

BBX-XXB-BOO

	O	O
X	X	
		X

BOO-XXB-BBX

	X	
	X	O
X		O

BXB-BXO-XBO

	X	
O	X	
O		X

BXB-OXB-OBX

O		X
O	X	
	X	

OBX-OXB-BXB

O	O	
	X	X
X		

OOB-BXX-XBB

X		
	X	X
O	O	

XBB-BXX-OOB

X		O
	X	O
	X	

XBO-BXO-BXB

O plays next

X	O	O
	X	O
	X	

XOO-BXO-BXB

X		O
O	X	O
	X	

XBO-OXO-BXB

X		O
	X	O
O	X	

XBO-BXO-OXB

X		O
	X	O
	X	O

XBO-BXO-BXO

Strategy #1: Win

		○		×	○	○			○		×
×	×			×			×	×		×	
○		×	○		×	×		○		×	○

BBO-XXB-OBX BXO-BXB-OBX OBB-BXX-XBO OBX-BXB-BXO

○		×	○	×		×		○	×		○
×	×			×			×			×	×
		○	×		○	○	×		○		

OBX-XXB-BBO OXB-BXB-XBO XBO-BXB-OBX XBO-BXX-OBB

O plays next

×	○	○	×		○	×		○	×		○
	×	×	○	×	×		×	×		×	×
○			○			○	○		○		○

XOO-BXX-OBX XBO-OXX-OBX XBO-BXX-OBX XBO-BXX-OBX

Strategy #2: Block

		X
O	X	
	X	O

BBX-OXB-BXO

	O	
	X	X
X		O

BOB-BXX-XBO

	O	
X	X	
O		X

BOB-XXB-OBX

	X	O
O	X	
		X

BXO-OXB-BBX

O		X
X	X	
	O	

OBX-XXB-BOB

O	X	
	X	O
X		

OXB-BXO-XBB

X		
	X	O
O	X	

XBB-BXO-OXB

X		O
	X	X
	O	

XBO-BXX-BOB

O plays next

X	O	O
	X	X
	O	

XOO-BXX-BOB

X		O
O	X	X
	O	

XBO-OXX-BOB

X		O
	X	X
O	O	

XBO-BXX-OOB

X		O
	X	X
	O	O

XBO-BXX-BOO

Strategy #2: Block

		○
	×	×
×		○

BBO-BXX-XBO

		×
	×	
○	×	○

BBX-BXB-OXO

○		
×	×	
○		×

OBB-XXB-OBX

○		×
×	×	
○		

OBX-XXB-OB

○	×	○
	×	
		×

OXO-BXB-BBX

○	×	○
	×	
×		

OXO-BXB-XBB

×		
	×	
○	×	○

XBB-BXB-OXO

×		○
	×	×
		○

XBO-BXX-BBO

O plays next

×	○	○
	×	×
		○

XOO-BXX-BBO

×		○
○	×	×
		○

XBO-OXX-BBO

×		○
	×	×
○		○

XBO-BXX-OBO

×		○
	×	×
	○	○

XBO-BXX-BOO

Strategy #2: Block

○		○
	×	
×		×

OBO-BXB-XBX

○		×
	×	
○		×

OBX-BXB-OBX

×		○
	×	
×		○

XBO-BXB-XBO

×		×
	×	
○		○

XBX-BXB-OBO

O plays next

×	○	○
	×	
×		○

XOO-BXB-XBO

×		○
○	×	
×		○

XBO-OXB-XBO

×		○
	×	○
×		○

XBO-BXO-XBO

×		○
	×	
×	○	○

XBO-BXB-XOO

Strategy #1: Win

		X
X	X	
O		O

BBX-XXB-OBO

	X	O
	X	
X		O

BXO-BXB-XBO

O		O
	X	X
X		

OBO-BXX-XBB

O		O
X	X	
		X

OBO-XXB-BBX

O		X
	X	
O	X	

OBX-BXB-OXB

O	X	
	X	
O		X

OXB-BXB-OBX

X		
	X	X
O		O

XBB-BXX-OBO

X		O
	X	
	X	O

XBO-BXB-BXO

O plays next

X	O	O
	X	
	X	O

XOO-BXB-BXO

X		O
O	X	
	X	O

XBO-OXB-BXO

X		O
	X	O
	X	O

XBO-BXO-BXO

X		O
	X	
O	X	O

XBO-BXB-OXO

Strategy #1: Win

		X
X	O	
O		X

BBX-XOB-OBX

	X	O
	O	
X		X

BXO-BOB-XBX

O		X
X	O	
		X

OBX-XOB-BBX

O	X	
	O	
X		X

OBX-BOB-XBX

X		
	O	X
X		O

XBB-BOX-XBO

X		O
	O	X
X		

XBO-BOX-XBB

X		X
	O	
	X	O

XBX-BOB-BXO

X		X
	O	
O	X	

XBX-BOB-OXB

O plays next

X	O	O
	O	X
X		

XOO-BOX-XBB

X		O
O	O	X
X		

XBO-OOX-XBB

X		O
	O	X
X	O	

XBO-BOX-XOB

X		O
	O	X
X		O

XBO-BOX-XBO

Strategy #2: Block

		X
X	O	
	X	O

BBX-XOB-BXO

	X	
	O	X
X		O

BXB-BOX-XBO

	X	
X	O	
O		X

BXB-XOB-OBX

	X	O
X	O	
		X

BXO-XOB-BBX

O		X
X	O	
	X	

OBX-XOB-BXB

O	X	
	O	X
X		

OXB-BOX-XBB

X		
	O	X
O	X	

XBB-BOX-OBX

X		O
	O	X
	X	

XBO-BOX-BXB

O plays next

X	O	O
	O	X
	X	

XOO-BOX-BXB

X		O
O	O	X
	X	

XBO-OOX-BXB

X		O
	O	X
O	X	

XBO-BOX-OBX

X		O
	O	X
	X	O

XBO-BOX-BXO

Strategy #1: Win

	X	O
X		
O		X

BXO-XBB-OBX

O		X
X		
	X	O

OBX-XBB-BXO

O	X	
		X
X		O

OXB-BBX-XBO

X		O
		X
O	X	

XBO-BBX-OXB

O plays next

X	O	O
		X
O	X	

XOO-BBX-OXB

X		O
O		X
O	X	

XBO-OBX-OXB

X		O
	O	X
O	X	

XBO-BOX-OXB

X		O
		X
O	X	O

XBO-BBX-OXO

Strategy #1: Win

○		×
×		
○		×

OBX-XBB-OBX

○	×	○
×		×

OXO-BBB-XBX

×		○
		×
×		○

XBO-BBX-XBO

×		×
○	×	○

XBX-BBB-OXO

O plays next

×	○	○
		×
×		○

XOO-BBX-XBO

×		○
○		×
×		○

XBO-OBX-XBO

×		○
	○	×
×		○

XBO-BOX-XBO

×		○
		×
×	○	○

XBO-BBX-XOO

Strategy #2: Block

		X
X		
O	X	O

BBX-XBB-OXO

	X	O
		X
X		O

BXO-BBX-XBO

O		X
X		
O	X	

OBX-XBB-AXB

O	X	
X		
O		X

AXB-XBB-AXB

O	X	O
		X
X		

OXO-BBX-XBB

O	X	O
X		
		X

OXO-XBB-BBX

X		
		X
O	X	O

XBB-BBX-OXO

X		O
		X
	X	O

XBO-BBX-BXO

O plays next

X	O	O
		X
	X	O

XOO-BBX-BXO

X		O
O		X
	X	O

XBO-OBX-BXO

X		O
	O	X
	X	O

XBO-BOX-BXO

X		O
		X
O	X	O

XBO-BBX-OXO

Strategy #4: Block an opponent's fork

BBO-XOB-XBX	BXX-BOB-OBX	OBB-BOX-XBX	OBX-BOB-BXX
XBO-BOB-XXB	XBX-BOX-OBX	XBX-XOB-BBO	XXB-BOB-XBO

O plays next

XOO-BOB-XXB	XBO-OOB-XXB	XBO-BOO-XXB	XBO-BOB-XXO

Strategy #2: Block

○		×
	○	
×		×

OBX-BOB-XBX

×		○
	○	
×		×

XBO-BOB-XBX

×		×
	○	
○		×

XBX-BOB-OBX

×		×
	○	
×		○

XBX-BOB-XBO

O plays next

×	○	○
	○	
×		×

XOO-BOB-XBX

×		○
○	○	
×		×

XBO-OOB-XBX

×		○
	○	○
×		×

XBO-BOO-XBX

×		○
	○	
×	○	×

XBO-BOB-XOX

Strategy #2: Block

	○	○
×		
×		×

BOO-XBB-XBX

	×	×
○		
○		×

BXX-OBB-OBX

○		×
○		
	×	×

OBX-OBB-BXX

○	○	
		×
×		×

OOB-BBX-XBX

×		○
		○
×	×	

XBO-BBO-XXB

×		×
		×
○	○	

XBX-BBX-OOB

×		×
×		
	○	○

XBX-XBB-BOO

×	×	
		○
×		○

XXB-BBO-XBO

O plays next

×	○	○
		○
×	×	

XOO-BBO-XXB

×		○
○		○
×	×	

XBO-OBO-XXB

×		○
	○	○
×	×	

XBO-BOO-XXB

×		○
		○
×	×	○

XBO-BBO-XXO

Strategy #1: Win

BBB-OOX-BXX

○	○	×
	×	×

BBB-OOX-BXX

×	○	○
×	×	

BBB-XOO-XXB

	○	
	○	×
	×	×

BOB-BOX-BXX

	○	
×	○	
×	×	

BOB-XOB-XXB

	×	×
	○	×
	○	

BXX-BOX-BOB

	×	×
○	○	×

BXX-OOX-BBB

×	×	
×	○	
	○	

XXB-XOB-BOB

×	×	
×	○	○

XXB-XOO-BBB

O plays next

×	×	○
×	○	○

XXO-XOO-BBB

×	×	
×	○	○
○		

XXB-XOO-OB

×	×	
×	○	○
	○	

XXB-XOO-BOB

×	×	
×	○	○
		○

XXB-XOO-BBO

Strategy #2: Block

		X
O	O	
	X	X

BBX-OOB-BXX

	O	
	O	X
X		X

BOB-BOX-XBX

	O	
X	O	
X		X

BOB-XOB-XBX

	X	X
O	O	
		X

BXX-OOB-BBX

X		
	O	O
X	X	

XBB-BOO-XXB

X		X
	O	X
	O	

XBX-BOX-BOB

X		X
X	O	
	O	

XBX-XOB-BOB

X	X	
	O	O
X		

XXB-BOO-XBB

O plays next

X	X	O
	O	O
X		

XXO-BOO-XBB

X	X	
O	O	O
X		

XXB-OOO-XBB

X	X	
	O	O
X	O	

XXB-BOO-XOB

X	X	
	O	O
X		O

XXB-BOO-XBO

Strategy #1: Win

		X
X	O	X
	O	

BBX-XOX-BOB

	O	
X	O	X
		X

BOB-XOX-BBX

	O	
X	O	X
X		

BOB-XOX-XBB

	X	
	O	O
X	X	

BXB-BOO-XXB

	X	
O	O	
	X	X

BXB-OOB-BXX

	X	X
O	O	
	X	

BXX-OOB-BXB

X		
X	O	X
	O	

XBB-XOX-BOB

X	X	
	O	O
	X	

XXB-BOO-BXB

O plays next

X	X	O
	O	O
	X	

XXO-BOO-BXB

X	X	
O	O	O
	X	

XXB-OOO-BXB

X	X	
	O	O
O	X	

XXB-BOO-OXB

X	X	
	O	O
	X	O

XXB-BOO-BXO

Strategy #1: Win

		X
O	O	X
	X	

BBX-OOX-BXB

	O	
	O	X
X	X	

BOB-BOX-XXB

	O	
X	O	
	X	X

BOB-XOB-BXX

	X	
O	O	X
		X

BXB-OOX-BBX

	X	
X	O	O
X		

BXB-XOO-XBB

	X	X
X	O	
	O	

BXX-XOB-BOB

X		
X	O	O
	X	

XBB-XOO-BXB

X	X	
	O	X
	O	

XXB-BOX-BOB

O plays next

X	X	O
	O	X
	O	

XXO-BOX-BOB

X	X	
O	O	X
	O	

XXB-OOX-BOB

X	X	
	O	X
O	O	

XXB-BOX-OOB

X	X	
	O	X
	O	O

XXB-BOX-BOO

Strategy #2: Block

BBO-XOB-XXB

		○
×	○	
×	×	

BBO-XOB-XXB

	×	×
	○	×
○		

BXX-BOX-OB

○		
	○	×
	×	×

OBB-BOX-BXX

×	×	
×	○	
		○

XXB-XOB-BBO

O plays next

×	×	○
×	○	
		○

XXO-XOB-BBO

×	×	
×	○	○
		○

XXB-XOO-BBO

×	×	
×	○	
○		○

XXB-XOB-OBO

×	×	
×	○	
	○	○

XXB-XOB-BOO

Strategy #2: Block

		○
	○	×
×	×	

BBO-BOX-XXB

		×
	○	×
○	×	

BBX-BOX-OXB

	×	○
×	○	
×		

BXO-XOB-XBB

	×	×
×	○	
○		

BXX-XOB-OB

○		
×	○	
	×	×

OBB-XOB-BXX

○	×	
	○	×
		×

OXB-BOX-BBX

×		
×	○	
	×	○

XBB-XOB-BXO

×	×	
	○	×
		○

XXB-BOX-BBO

O plays next

×	×	○
	○	×
		○

XXO-BOX-BBO

×	×	
○	○	×
		○

XXB-OOX-BBO

×	×	
	○	×
○		○

XXB-BOX-OB

×	×	
	○	×
	○	○

XXB-BOX-BOO

Strategy #2: Block

		○
×	○	×
×		

BBO-XOX-XBB

		×
×	○	×
○		

BBX-XOX-OB

	×	○
	○	
×	×	

BXO-BOB-XXB

	×	×
	○	
○	×	

BXX-BOB-OXB

○		
×	○	×
		×

OBB-XOX-BBX

○	×	
	○	
	×	×

OXB-BOB-BXX

×		
×	○	×
		○

XBB-XOX-BBO

×	×	
	○	
	×	○

XXB-BOB-BXO

O plays next

×	×	○
	○	
	×	○

XXO-BOB-BXO

×	×	
○	○	
	×	○

XXB-OOB-BXO

×	×	
	○	○
	×	○

XXB-BOO-BXO

×	×	
	○	
○	×	○

XXB-BOB-OXO

Strategy #2: Block

		X
X	O	
O	X	

BBX-XOB-OXB

	X	O
	O	X
X		

BXO-BOX-XBB

O	X	
X	O	
		X

OXB-XOB-BBX

X		
	O	X
	X	O

XBB-BOX-BXO

O plays next

X	O	
	O	X
	X	O

XOB-BOX-BXO

X		O
	O	X
	X	O

XBO-BOX-BXO

X		
O	O	X
	X	O

XBB-OOX-BXO

X		
	O	X
O	X	O

XBB-BOX-OXO

Strategy #7: Play in any empty corner

	○	
○		×
	×	×

BOB-OBX-BXX

	○	
×		○
×	×	

BOB-XBO-XXB

	×	×
○		×
	○	

BXX-OBX-BOB

×	×	
×		○
	○	

XXB-XBO-BOB

O plays next

×	×	○
×		○
	○	

XXO-XBO-BOB

×	×	
×	○	○
	○	

XXB-XOO-BOB

×	×	
×		○
○	○	

XXB-XBO-OOB

×	×	
×		○
	○	○

XXB-XBO-BOO

Strategy #2: Block

		X
O	X	X
	O	

BBX-OXX-BOB

	O	
	X	O
X	X	

BOB-BXO-XXB

	O	
O	X	
	X	X

BOB-OXB-BXX

	O	
O	X	X
		X

BOB-OXX-BBX

	O	
X	X	O
X		

BOB-XXO-XBB

	X	X
O	X	
	O	

BXX-OXB-BOB

X		
X	X	O
	O	

XBB-XXO-BOB

X	X	
	X	O
	O	

XXB-BXO-BOB

O plays next

X	X	O
	X	O
	O	

XXO-BXO-BOB

X	X	
O	X	O
	O	

XXB-OXO-BOB

X	X	
	X	O
O	O	

XXB-BXO-OOB

X	X	
	X	O
	O	O

XXB-BXO-BOO

Strategy #2: Block

		○
×		○
×	×	

BBO-XBO-XXB

	○	○
×		
×	×	

BOO-XBB-XXB

	×	×
		×
○	○	

BXX-BBX-OOB

	×	×
○		×
○		

BXX-OBX-OB

○		
○		×
	×	×

OBB-OBX-BXX

○	○	
		×
	×	×

OBB-BBX-BXX

×	×	
×		
	○	○

XXB-XBB-BOO

×	×	
×		○
		○

XXB-XBO-BBO

O plays next

×	×	○
×		○
		○

XXO-XBO-BBO

×	×	
×	○	○
		○

XXB-XOO-BBO

×	×	
×		○
○		○

XXB-XBO-OBO

×	×	
×		○
	○	○

XXB-XBO-BOO

Strategy #1: Win

		○
	×	○
×	×	

BBO-BXO-XXB

		×
	×	×
○	○	

BBX-BXX-OOB

	○	○
×	×	
×		

BOO-XXB-XBB

	×	×
○	×	
○		

BXX-OXB-OB

○		
○	×	
	×	×

OBB-OXB-BXX

○	○	
	×	×
		×

OOB-BXX-BBX

×		
×	×	
	○	○

XBB-XXB-BOO

×	×	
	×	○
		○

XXB-BXO-BBO

O plays next

×	×	○
	×	○
		○

XXO-BXO-BBO

×	×	
○	×	○
		○

XXB-OXO-BBO

×	×	
	×	○
○		○

XXB-BXO-OBO

×	×	
	×	○
	○	○

XXB-BXO-BOO

Strategy #1: Win

		X
X		X
O	O	

BBX-XBX-OOB

	O	O
X		X
X		

BOO-XBX-XBB

	X	O
		O
X	X	

BXO-BBO-XXB

	X	X
O		
O	X	

BXX-OBB-OXB

O	O	
X		X
		X

OOB-XBX-BBX

O	X	
O		
	X	X

OXB-OBB-BXX

X		
X		X
	O	O

XBB-XBX-BOO

X	X	
		O
	X	O

XXB-BBO-BXO

O plays next

X	X	O
		O
	X	O

XXO-BBO-BXO

X	X	
O		O
	X	O

XXB-OBO-BXO

X	X	
	O	O
	X	O

XXB-BOO-BXO

X	X	
		O
O	X	O

XXB-BBO-OXO

Strategy #1: Win

		○
×	×	○
×		

BBO-XXO-XBB

		×
○	×	×
○		

BBX-OXX-OBB

	○	○
	×	
×	×	

BOO-BXB-XXB

	×	×
	×	
○	○	

BXX-BXB-OOB

○		
○	×	×
		×

OBB-OXX-BBX

○	○	
	×	
	×	×

OOB-BXB-BXX

×		
×	×	○
		○

XBB-XXO-BBO

×	×	
	×	
	○	○

XXB-BXB-BOO

O plays next

×	○	
×	×	○
		○

XOB-XXO-BBO

×		○
×	×	○
		○

XBO-XXO-BBO

×		
×	×	○
○		○

XBB-XXO-OBO

×		
×	×	○
	○	○

XBB-XXO-BOO

Strategy #1: Win

		X
O		X
O	X	

BBX-OBX-OBX

	O	O
		X
X	X	

BOO-BBX-XXB

	X	O
X		O
X		

BXO-XBO-XBB

	X	X
X		
O	O	

BXX-XBB-OOB

O	O	
X		
	X	X

OOB-XBB-BXX

O	X	
O		X
		X

OXB-OBX-BBX

X		
X		O
	X	O

XBB-XBO-BXO

X	X	
		X
	O	O

XXB-BBX-BOO

O plays next

X	O	
X		O
	X	O

XOB-XBO-BXO

X		O
X		O
	X	O

XBO-XBO-BXO

X		
X	O	O
	X	O

XBB-XOO-BXO

X		
X		O
O	X	O

XBB-XBO-OXO

Strategy #1: Win

		X
O	X	
O	X	

BBX-OXB-OXB

		X
X	X	
O	O	

BBX-XXB-OOB

	O	O
	X	X
X		

BOO-BXX-XBB

	X	O
	X	O
X		

BXO-BXO-XBB

O	O	
X	X	
		X

OOB-XXB-BBX

O	X	
O	X	
		X

OXB-OXB-BBX

X		
	X	O
	X	O

XBB-BXO-BXO

X		
	X	X
	O	O

XBB-BXX-BOO

O plays next

X	O	
	X	O
	X	O

XOB-BXO-BXO

X		O
	X	O
	X	O

XBO-BXO-BXO

X		
O	X	O
	X	O

XBB-OXO-BXO

X		
	X	O
O	X	O

XBB-BXO-OXO

Strategy #1: Win

BBB-BXX-OXO

	X	X
O	X	O

BBB-BXX-OXO

X	X	
O	X	O

BBB-XXB-OXO

		O
	X	X
	X	O

BBO-BXX-BXO

	X	O
	X	X
		O

BXO-BXX-BBO

O		
X	X	
O	X	

OBB-XXB-OBX

O	X	
X	X	
O		

OXB-XXB-OBX

O	X	O
	X	X

OXO-BXX-BBB

O	X	O
X	X	

OXO-XXB-BBB

O plays next

O	X	O
X	X	O

OXO-XXO-BBB

O	X	O
X	X	
O		

OXO-XXB-OBX

O	X	O
X	X	
	O	

OXO-XXB-BOB

O	X	O
X	X	
		O

OXO-XXB-BBO

Strategy #2: Block

X		X
O	X	O

BBB-XBX-OXO

	X	O
		X
	X	O

BXO-BBX-BXO

O	X	
X		
O	X	

OXB-XBB-OXB

O	X	O
X		X

OXO-XBX-BBB

O plays next

O	X	O
X	O	X

OXO-XOX-BBB

O	X	O
X		X
O		

OXO-XBX-OB

O	X	O
X		X
	O	

OXO-XBX-BOB

O	X	O
X		X
		O

OXO-XBX-BBO

Strategy #2: Block

		○
×		×
	×	○

BBO-XBX-BXO

	×	
		×
○	×	○

BXB-BBX-OXO

	×	
×		
○	×	○

BXB-XBB-OXO

	×	○
×		×
		○

BXO-XBX-BBO

○		
×		×
○	×	

OBB-XBX-AXB

○	×	
×		×
○		

AXB-XBX-ABB

○	×	○
		×
	×	

AXB-BBX-AXB

○	×	○
×		
	×	

AXB-BBB-AXB

O plays next

○	×	○
×	○	
	×	

AXB-XOB-AXB

○	×	○
×		○
	×	

AXB-XBO-AXB

○	×	○
×		
○	×	

AXB-XBB-AXB

○	×	○
×		
	×	○

AXB-XBB-AXB

Strategy #2: Block

X	O	X
	X	O

BBB-XOX-BXO

X	O	X
O	X	

BBB-XOX-OXB

	X	
	O	X
	X	O

BXB-BOX-BXO

	X	
X	O	
O	X	

BXB-XOB-OXB

	X	O
	O	X
	X	

BXO-BOX-BXB

	X	O
X	O	X

BXO-XOX-BBB

O	X	
X	O	
	X	

OXB-XOB-BXB

O	X	
X	O	X

OXB-XOX-BBB

O plays next

O	X	O
X	O	X

OXO-XOX-BBB

O	X	
X	O	X
O		

OXB-XOX-OB

O	X	
X	O	X
	O	

OXB-XOX-BOB

O	X	
X	O	X
		O

OXB-XOX-BBO

Strategy #1: Win

○	×	×
	×	○

BBB-OXX-BXO

×	×	○
○	×	

BBB-XXO-OXB

	○	
	×	×
	×	○

BOB-BXX-BXO

	○	
×	×	
○	×	

BOB-XXB-OXB

	×	○
	×	×
	○	

BXO-BXX-BOB

	×	○
○	×	×

BXO-OXX-BBB

○	×	
×	×	
	○	

OXB-XXB-BOB

○	×	
×	×	○

OXB-XXO-BBB

O plays next

○	×	○
×	×	○

OXO-XXO-BBB

○	×	
×	×	○
○		

OXB-XXO-OBB

○	×	
×	×	○
	○	

OXB-XXO-BOB

○	×	
×	×	○
		○

OXB-XXO-BBO

Strategy #2: Block

	○	
×		×
	×	○

BOB-XBX-BXO

	○	
×		×
○	×	

BOB-XBX-OXB

	×	
○		×
	×	○

BXB-OBX-BXO

	×	
×		○
○	×	

BXB-XBO-OXB

	×	○
○		×
	×	

BXO-OBX-BXB

	×	○
×		×
	○	

BXO-XBX-BOB

○	×	
×		○
	×	

OXB-XBO-BXB

○	×	
×		×
	○	

OXB-XBX-BOB

O plays next

○	×	○
×		○
	×	

OXO-XBO-BXB

○	×	
×	○	○
	×	

OXB-XOO-BXB

○	×	
×		○
○	×	

OXB-XBO-OXB

○	×	
×		○
	×	○

OXB-XBO-BXO

Strategy #2: Block

		○
×	×	
○	×	

BBO-XXB-OXB

	×	○
	×	×
○		

BXO-BXX-OB

○		
	×	×
	×	○

OBB-BXX-BXO

○	×	
×	×	
		○

OXB-XXB-BBO

O plays next

○	×	○
×	×	
		○

OXO-XXB-BBO

○	×	
×	×	○
		○

OXB-XXO-BBO

○	×	
×	×	
○		○

OXB-XXB-OBO

○	×	
×	×	
	○	○

OXB-XXB-BOO

Strategy #2: Block

		○
×		×
○	×	

BBO-XBX-OXB

	×	○
		×
○	×	

BXO-BBX-OXB

	×	○
×		
○	×	

BXO-XBB-OXB

	×	○
×		×
○		

BXO-XBX-OB

○		
×		×
	×	○

OBB-XBX-BXO

○	×	
		×
	×	○

OXB-BBX-BXO

○	×	
×		
	×	○

OXB-XBB-BXO

○	×	
×		×
		○

OXB-XBX-BBO

O plays next

○	×	○
×		×
		○

OXO-XBX-BBO

○	×	
×	○	×
		○

OXB-XOX-BBO

○	×	
×		×
○		○

OXB-XBX-OB

○	×	
×		×
	○	○

OXB-XBX-BOO

Strategy #1: Win

○	×	×
○	×	

BBB-OXX-OXB

×	×	○
	×	○

BBB-XXO-BXO

	○	○
	×	×
	×	

BOO-BXX-BXB

	×	
	×	×
	○	○

BXB-BXX-BOO

	×	
×	×	
○	○	

BXB-XXB-OOB

	×	○
×	×	○

BXO-XXO-BBB

○	○	
×	×	
	×	

OOB-XXB-BXB

○	×	
○	×	×

OXB-OXX-BBB

O plays next

○	×	○
○	×	×

OXO-OXX-BBB

○	×	
○	×	×
○		

OXB-OXX-OBB

○	×	
○	×	×
	○	

OXB-OXX-BOB

○	×	
○	×	×
		○

OXB-OXX-BBO

Strategy #1: Win

		○
×	×	
	×	○

BBO-XXB-BXO

	×	
	×	×
○		○

BXB-BXX-OBO

	×	
×	×	
○		○

BXB-XXB-OBO

	×	○
×	×	
		○

BXO-XXB-BBO

○		
	×	×
○	×	

OBB-BXX-OXB

○		○
	×	×
	×	

OBO-BXX-BXB

○		○
×	×	
	×	

OBO-XXB-BXB

○	×	
	×	×
○		

OXB-BXX-OB

O plays next

○	×	○
	×	×
○		

OXO-BXX-OB

○	×	
○	×	×
○		

OXB-OXX-OB

○	×	
	×	×
○	○	

OXB-BXX-OB

○	×	
	×	×
○		○

OXB-BXX-OB

Strategy #1: Win

		○
○	×	×
	×	

BBO-OXX-BXB

	○	
	×	×
○	×	

BOB-BXX-OXB

	○	
×	×	
	×	○

BOB-XXB-BXO

	×	
○	×	×
		○

BXB-OXX-BBO

	×	
×	×	○
○		

BXB-XXO-OBB

	×	○
×	×	
	○	

BXO-XXB-BOB

○		
×	×	○
	×	

OBB-XXO-BXB

○	×	
	×	×
	○	

OXB-BXX-BOB

O plays next

○	×	○
	×	×
	○	

OXO-BXX-BOB

○	×	
○	×	×
	○	

OXB-OXX-BOB

○	×	
	×	×
○	○	

OXB-BXX-OOB

○	×	
	×	×
	○	○

OXB-BXX-BOO

Strategy #2: Block

		○
	×	×
○	×	

BBO-BXX-OXB

	×	○
×	×	
○		

BXO-XXB-OB

○		
×	×	
	×	○

OBB-XXB-BXO

○	×	
	×	×
		○

OXB-BXX-BBO

O plays next

○	×	○
	×	×
		○

OXO-BXX-BBO

○	×	
○	×	×
		○

OXB-OXX-BBO

○	×	
	×	×
○		○

OXB-BXX-OB

○	×	
	×	×
	○	○

OXB-BXX-BBO

Strategy #2: Block

	○	○
×		×
	×	

BOO-XBX-BXB

	×	
○		×
○	×	

BXB-OBX-OBX

	×	
×		○
	×	○

BXB-XBO-BXO

	×	
×		×
	○	○

BXB-XBX-BOO

	×	
×		×
○	○	

BXB-XBX-OOB

	×	○
×		○
	×	

BXO-XBO-BXB

○	○	
×		×
	×	

OOB-XBX-BXB

○	×	
○		×
	×	

OXB-OBX-BXB

O plays next

○	×	○
○		×
	×	

OXO-OBX-BXB

○	×	
○	○	×
	×	

OXB-OOX-BXB

○	×	
○		×
○	×	

OXB-OBX-OBX

○	×	
○		×
	×	○

OXB-OBX-BXO

Strategy #1: Win

		○
×	○	×
	×	

BBO-XOX-BXB

	×	
	○	×
○	×	

BXB-BOX-OXB

	×	
×	○	
	×	○

BXB-XOB-BXO

	×	
×	○	×
		○

BXB-XOX-BBO

	×	
×	○	×
○		

BXB-XOX-OB

	×	○
×	○	
	×	

BXO-XOB-BXB

○		
×	○	×
	×	

OB

○	×	
	○	×
	×	

OXB-BOX-BXB

O plays next

○	×	○
	○	×
	×	

OXO-BOX-BXB

○	×	
○	○	×
	×	

OXB-OOX-BXB

○	×	
	○	×
○	×	

OXB-BOX-OXB

○	×	
	○	×
	×	○

OXB-BOX-BXO

Strategy #1: Win

BXB-XBX-OBO

	X	
X		X
O		O

BXB-XBX-OBO

	X	O
X		
	X	O

BXO-XBB-BXO

O		O
X		X
	X	

OBO-XBX-BXB

O	X	
		X
O	X	

OXB-BBX-OXB

O plays next

O	X	O
		X
O	X	

OXO-BBX-OXB

O	X	
O		X
O	X	

OXB-OBX-OXB

O	X	
	O	X
O	X	

OXB-BOX-OXB

O	X	
		X
O	X	O

OXB-BBX-OXO

Strategy #1: Win

		○
×	×	○
	×	

BBO-XXO-BXB

	○	○
×	×	
	×	

BOO-XXB-BXB

	×	
	×	×
○	○	

BXB-BXX-OOB

	×	
○	×	×
○		

BXB-OXX-OB

	×	
×	×	
	○	○

BXB-XXB-BOO

	×	
×	×	○
		○

BXB-XXO-BBO

○		
○	×	×
	×	

OBB-OXX-BXB

○	○	
	×	×
	×	

OBB-BXX-BXB

O plays next

○	×	
○	×	×
○		

OXB-OXX-OB

	×	○
○	×	×
○		

BXO-OXX-OB

	×	
○	×	×
○	○	

BXB-OXX-OB

	×	
○	×	×
○		○

BXB-OXX-OB

Strategy #1: Win

	○	
○	×	×
	×	

BOB-OXX-BXB

	○	
×	×	○
	×	

BOB-XXO-BXB

	×	
○	×	×
	○	

BXB-OXX-BOB

	×	
×	×	○
	○	

BXB-XXO-BOB

O plays next

○	×	
○	×	×
	○	

OXB-OXX-BOB

	×	○
○	×	×
	○	

B XO-OXX-BOB

	×	
○	×	×
○	○	

BXB-OXX-OOB

	×	
○	×	×
	○	○

BXB-OXX-BOO

Strategy #3: Fork the game

BOB-XOX-BXB

	○	
×	○	×
	×	

BOB-XOX-BXB

	×	
○	○	×
	×	

BXB-OOX-BXB

	×	
×	○	○
	×	

BXB-XOO-BXB

	×	
×	○	×
	○	

BXB-XOX-BOB

O plays next

○	×	
○	○	×
	×	

OXB-OOX-BXB

	×	○
○	○	×
	×	

BXO-OOX-BXB

	×	
○	○	×
○	×	

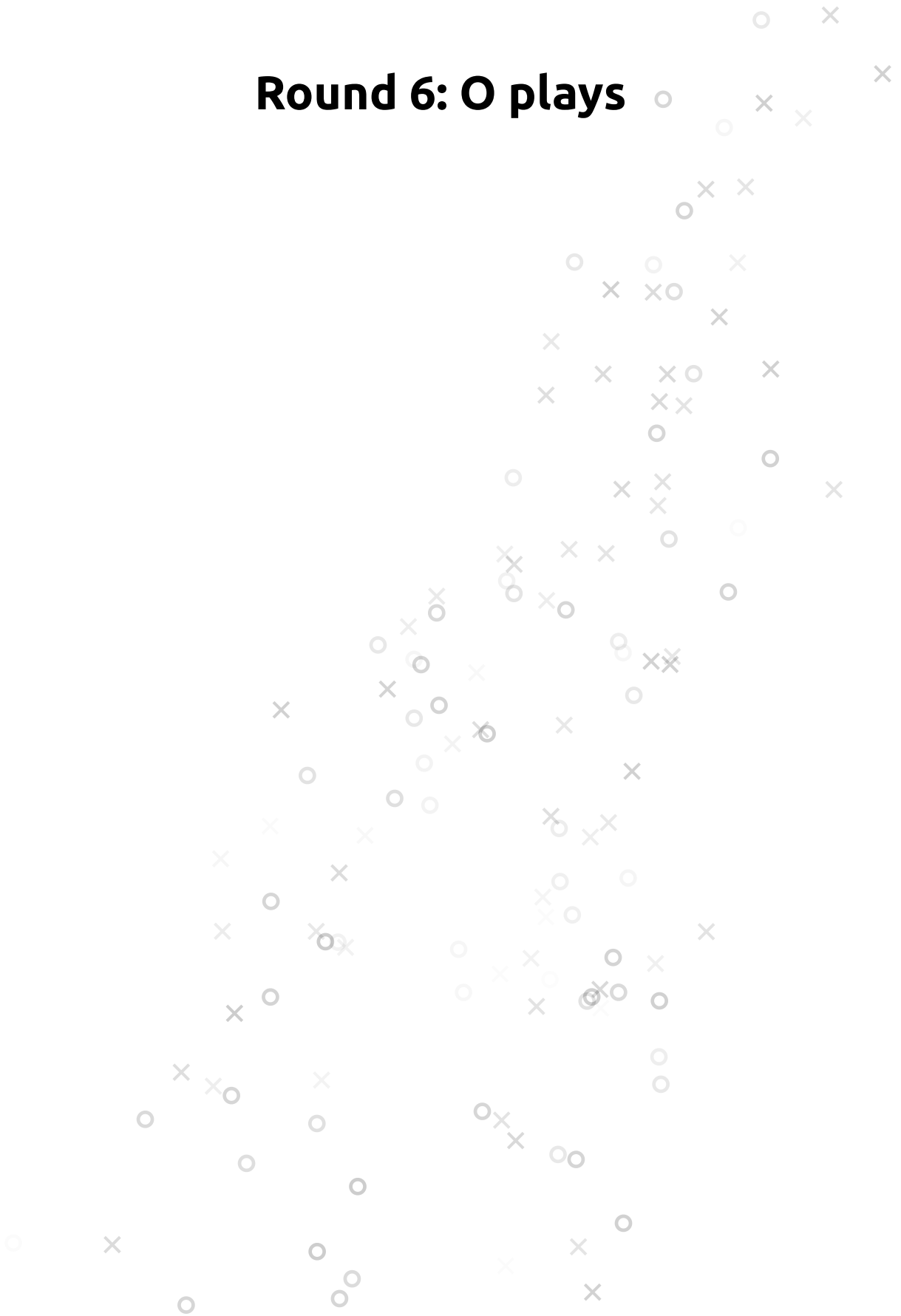
BXB-OOX-OXB

	×	
○	○	×
	×	○

BXB-OOX-BXO

Strategy #3: Fork the game

Round 6: O plays



BBB-OXO-XOX

○	×	○
×	○	×

BBB-OXO-XOX

	○	×
	×	○
	○	×

BOX-BXO-BOX

×	○	
○	×	
×	○	

XOB-OXB-XOB

×	○	×
○	×	○

XOX-OXO-BBB

X plays next

×	○	×
○	×	○
×		

XOX-OXO-XBB

×	○	×
○	×	○
	×	

XOX-OXO-BXB

×	○	×
○	×	○
		×

XOX-OXO-BBX

Strategy #1: Win

		○
	×	○
×	○	×

BBO-BXO-XOX

		×
	×	○
○	○	×

BBX-BXO-OOX

○		
○	×	
×	○	×

OBB-OXB-XOX

○	○	×
	×	○
		×

OOX-BXO-BBX

×		
○	×	
×	○	○

XBB-OXB-XOO

×	○	○
○	×	
×		

XOO-OXB-XBB

×	○	×
	×	○
		○

XOX-BXO-BBO

×	○	×
○	×	
○		

XOX-OXB-OB

X plays next

×	○	×
○	×	×
○		

XOX-OXX-OB

×	○	×
○	×	
○	×	

XOX-OXB-OXB

×	○	×
○	×	
○		×

XOX-OXB-OBX

Strategy #1: Win

BBX-OXO-BOX

		X
O	X	O
	O	X

BBX-OXO-BOX

	O	
	X	O
X	O	X

BOB-BXO-XOX

	O	
O	X	
X	O	X

BOB-OXB-XOX

	O	X
O	X	O
		X

BOX-OXO-BBX

X		
O	X	O
X	O	

XBB-OXO-XOB

X	O	
O	X	O
X		

XOB-OXO-XBB

X	O	X
	X	O
	O	

XOX-BXO-BOB

X	O	X
O	X	
	O	

XOX-OXB-BOB

X plays next

X	O	X
O	X	X
	O	

XOX-OXX-BOB

X	O	X
O	X	
X	O	

XOX-OXB-XOB

X	O	X
O	X	
	O	X

XOX-OXB-BOX

Strategy #1: Win

		○
○	×	
×	○	×

BBO-OXB-XOX

	○	×
	×	○
○		×

BOX-BXO-OBX

○		
	×	○
×	○	×

OBB-BXO-XOX

○		×
	×	○
	○	×

OBX-BXO-BOX

×		○
○	×	
×	○	

XBO-OXB-XOB

×	○	
○	×	
×		○

XOB-OXB-XBO

×	○	×
	×	○
○		

XOX-BXO-OBX

×	○	×
○	×	
		○

XOX-OXB-BBO

X plays next

×	○	×
○	×	×
		○

XOX-OXX-BBO

×	○	×
○	×	
×		○

XOX-OXB-XBO

×	○	×
○	×	
	×	○

XOX-OXB-BXO

Strategy #1: Win

BBB-OOX-XOX

○	○	×
×	○	×

BBB-OOX-XOX

×	○	○
×	○	×

BBB-XOO-XOX

	○	×
	○	○
	×	×

BOX-BOO-BXX

	×	×
	○	○
	○	×

BXX-BOO-BOX

×	○	
○	○	
×	×	

XOB-OOB-XXB

×	○	×
○	○	×

XOX-OOX-BBB

×	○	×
×	○	○

XOX-XOO-BBB

×	×	
○	○	
×	○	

XXB-OOB-XOB

X plays next

×	○	×
○	○	×
×		

XOX-OOX-XBB

×	○	×
○	○	×
	×	

XOX-OOX-BXB

×	○	×
○	○	×
		×

XOX-OOX-BBX

Strategy #1: Win

		○
×		○
×	○	×

BBO-XBO-XOX

	×	×
		○
○	○	×

BXX-BBO-OOX

○		
○		×
×	○	×

OBB-OBX-XOX

○	○	×
		○
	×	×

OOX-BBO-BXX

×	○	○
○		
×	×	

XOO-OBX-XXB

×	○	×
○		×
○		

XOX-OBX-OBX

×	○	×
×		○
		○

XOX-XBO-BBO

×	×	
○		
×	○	○

XXB-OBX-XOO

X plays next

×	○	×
○	×	×
○		

XOX-OXX-OBX

×	○	×
○		×
○	×	

XOX-OBX-OXB

×	○	×
○		×
○		×

XOX-OBX-OBX

Strategy #1: Win

	○	
○		×
×	○	×

BOB-OBX-XOX

	○	
×		○
×	○	×

BOB-XBO-XOX

	○	×
○		○
	×	×

BOX-OBO-BXX

	×	×
○		○
	○	×

BXX-OBO-BOX

×	○	
○		○
×	×	

XOB-OBO-XXB

×	○	×
○		×
	○	

XOX-OBX-BOB

×	○	×
×		○
	○	

XOX-XBO-BOB

×	×	
○		○
×	○	

XXB-OBO-XOB

X plays next

×	○	×
○	×	×
	○	

XOX-OXX-BOB

×	○	×
○		×
×	○	

XOX-OBX-XOB

×	○	×
○		×
	○	×

XOX-OBX-BOX

Strategy #1: Win

		○
○		×
×	○	×

BBO-OBX-XOX

	○	×
		○
○	×	×

BOX-BBO-OXX

○		
×		○
×	○	×

OBB-XBO-XOX

○	×	×
		○
	○	×

OXX-BBO-BOX

×	○	
○		
×	×	○

XOB-OBX-XXO

×	○	×
○		×
		○

XOX-OBX-BBO

×	○	×
×		○
○		

XOX-XBO-OBX

×	×	○
○		
×	○	

XXO-OBX-XOB

X plays next

×	○	×
○	×	×
		○

XOX-OXX-BBO

×	○	×
○		×
×		○

XOX-OBX-XBO

×	○	×
○		×
	×	○

XOX-OBX-BXO

Strategy #5: Play in the center

BBX-BOO-XOX

		X
	O	O
X	O	X

BBX-BOO-XOX

X		
O	O	
X	O	X

XBB-OOB-XOX

X	O	X
	O	O
		X

XOX-BOO-BBX

X	O	X
O	O	
X		

XOX-OOB-XBB

X plays next

X	O	X
O	O	X
X		

XOX-OOX-XBB

X	O	X
O	O	
X	X	

XOX-OOB-XXB

X	O	X
O	O	
X		X

XOX-OOB-XBX

Strategy #2: Block

		X
O		O
X	O	X

BBX-OBO-XOX

	O	X
		O
X	O	X

BOX-BBO-XOX

X		
O		O
X	O	X

XBB-OBO-XOX

X	O	
O		
X	O	X

XOB-OBX-XOX

X	O	X
		O
	O	X

XOX-BBO-BOX

X	O	X
O		
X	O	

XOX-OBX-XOB

X	O	X
O		O
		X

XOX-OBO-BBX

X	O	X
O		O
X		

XOX-OBO-XBB

X plays next

X	O	X
O	X	O
X		

XOX-OXO-XBB

X	O	X
O		O
X	X	

XOX-OBO-XXB

X	O	X
O		O
X		X

XOX-OBO-XBX

Strategy #1: Win

OBX-BBO-XOX

○		×
		○
×	○	×

OBX-BBO-XOX

×		○
○		
×	○	×

XBO-OBX-XOX

×	○	×
		○
○		×

XOX-BBO-OBX

×	○	×
○		
×		○

XOX-OBX-XBO

X plays next

×	○	×
○	×	
×		○

XOX-OXB-XBO

×	○	×
○		×
×		○

XOX-OBX-XBO

×	○	×
○		
×	×	○

XOX-OBX-XXO

Strategy #1: Win

		X
X	O	O
	O	X

BBX-XOO-BOX

	O	X
X	O	O
		X

BOX-XOO-BBX

	X	
	O	O
X	O	X

BXB-BOO-XOX

	X	
O	O	
X	O	X

BXB-OOB-XOX

X		
O	O	X
X	O	

XBB-OOX-XOB

X	O	
O	O	X
X		

XOB-OOX-XBB

X	O	X
	O	O
	X	

XOX-BOO-BXB

X	O	X
O	O	
	X	

XOX-OOB-BXB

X plays next

X	O	X
O	O	X
	X	

XOX-OOX-BXB

X	O	X
O	O	
X	X	

XOX-OOB-XXB

X	O	X
O	O	
	X	X

XOX-OOB-BXX

Strategy #2: Block

	○	×
×		○
	○	×

BOX-XBO-BOX

	×	
○		○
×	○	×

BXB-OBO-XOX

×	○	
○		×
×	○	

XOB-OBX-XOB

×	○	×
○		○
	×	

XOX-OBO-BXB

X plays next

×	○	×
○	×	○
	×	

XOX-OXO-BXB

×	○	×
○		○
×	×	

XOX-OBO-XXB

×	○	×
○		○
	×	×

XOX-OBO-BXX

Strategy #2: Block

		X
X		O
O	O	X

BBX-XBO-OOX

	X	O
		O
X	O	X

BXO-BBO-XOX

O	O	X
X		O
		X

OOX-XBO-BBX

O	X	
O		
X	O	X

OXB-OBX-XOX

X		
O		X
X	O	O

XBB-OBX-XOO

X	O	O
O		X
X		

XOO-OBX-XBB

X	O	X
		O
	X	O

XOX-BBO-BXO

X	O	X
O		
O	X	

XOX-OBX-OXB

X plays next

X	O	X
O	X	
O	X	

XOX-OXB-OXB

X	O	X
O		X
O	X	

XOX-OBX-OXB

X	O	X
O		
O	X	X

XOX-OBX-OXX

Strategy #3: Fork the game

	○	×
×		○
○		×

BOX-XBO-OBX

	×	○
○		
×	○	×

BXO-OBX-XOX

○		×
×		○
	○	×

OBX-XBO-BOX

○	×	
		○
×	○	×

OXB-BBO-XOX

×		○
○		×
×	○	

XBO-OBX-XOB

×	○	
○		×
×		○

XOB-OBX-XBO

×	○	×
		○
○	×	

XOX-BBO-OXB

×	○	×
○		
	×	○

XOX-OBX-XBO

X plays next

×	○	×
○	×	
	×	○

XOX-OXB-BXO

×	○	×
○		×
	×	○

XOX-OBX-BXO

×	○	×
○		
×	×	○

XOX-OBX-XXO

Strategy #5: Play in the center

		X
O	O	
X	O	X

BBX-OOB-XOX

	O	X
	O	O
X		X

BOX-BOO-XBX

X		
	O	O
X	O	X

XBB-BOO-XOX

X		X
	O	O
	O	X

XBX-BOO-BOX

X		X
O	O	
X	O	

XBX-OOB-XOB

X	O	
O	O	
X		X

XOB-OOB-XBX

X	O	X
	O	O
X		

XOX-BOO-XBB

X	O	X
O	O	
		X

XOX-OOB-BBX

X plays next

X	O	X
O	O	X
		X

XOX-OOX-BBX

X	O	X
O	O	
X		X

XOX-OOB-XBX

X	O	X
O	O	
	X	X

XOX-OOB-BXX

Strategy #1: Win

○		×
○		
×	○	×

OBX-OBX-XOX

○	○	×
		○
×		×

OOX-BBO-XBX

×		○
		○
×	○	×

XBO-BBO-XOX

×		×
		○
○	○	×

XBX-BBO-OOX

×		×
○		
×	○	○

XBX-OBX-XOO

×	○	○
○		
×		×

XOO-OBX-XBX

×	○	×
		○
×		○

XOX-BBO-XBO

×	○	×
○		
○		×

XOX-OBX-OBX

X plays next

×	○	×
○	×	
○		×

XOX-○XB-OBX

×	○	×
○		×
○		×

XOX-OBX-○BX

×	○	×
○		
○	×	×

XOX-OBX-○XX

Strategy #1: Win

BOX-OBB-XOX

	○	×
○		
×	○	×

BOX-OBB-XOX

	○	×
○		○
×		×

BOX-OBO-XBX

×		×
○		○
	○	×

XBX-OBO-BOX

×		×
○		○
×	○	

VBX-OBO-XOB

×	○	
		○
×	○	×

XOB-BBO-XOX

×	○	
○		○
×		×

XOB-OBO-XBX

×	○	×
		○
×	○	

XOX-BBO-XOB

×	○	×
○		
	○	×

XOX-OBB-BOX

X plays next

×	○	×
○	×	
	○	×

XOX-OXB-BOX

×	○	×
○		×
	○	×

XOX-OBX-BOX

×	○	×
○		
×	○	×

XOX-OBB-XOX

Strategy #1: Win

		○
	○	×
×	○	×

BBO-BOX-XOX

		×
	○	○
○	×	×

BBX-BOO-OXX

○		
×	○	
×	○	×

OBB-XOB-XOX

○	×	×
	○	○
		×

OXX-BOO-BBX

×		
○	○	
×	×	○

XBB-OOB-XXO

×	○	×
	○	×
		○

XOX-BOX-BBO

×	○	×
×	○	
○		

XOX-XOB-OBX

×	×	○
○	○	
×		

XXO-OOB-XBB

X plays next

×	○	×
×	○	×
○		

XOX-XOX-OBX

×	○	×
×	○	
○	×	

XOX-XOB-OXB

×	○	×
×	○	
○		×

XOX-XOB-OBX

Strategy #2: Block

BBO-XOB-XOX

		○
×	○	
×	○	×

BBO-XOB-XOX

	×	×
	○	○
○		×

BXX-BOO-OBX

○		
	○	×
×	○	×

OBB-BOX-XOX

○		×
	○	○
	×	×

OBX-BOO-BXX

×		○
○	○	
×	×	

XBO-OOB-XXB

×	○	×
	○	×
○		

XOX-BOX-OBX

×	○	×
×	○	
		○

XOX-XOB-BBO

×	×	
○	○	
×		○

XXB-OOB-XBO

X plays next

×	○	×
×	○	×
		○

XOX-XOX-BBO

×	○	×
×	○	
×		○

XOX-XOB-XBO

×	○	×
×	○	
	×	○

XOX-XOB-BXO

Strategy #1: Win

○		×
	○	
×	○	×

OBX-BOB-XOX

○		×
	○	○
×		×

OBX-BOO-XBX

×		○
	○	
×	○	×

XBO-BOB-XOX

×		○
○	○	
×		×

XBO-OOB-XBX

×		×
	○	○
○		×

XBX-BOO-OBX

×		×
○	○	
×		○

XBX-OOB-XBO

×	○	×
	○	
○		×

XOX-BOB-OBX

×	○	×
	○	
×		○

XOX-BOB-XBO

X plays next

×	○	×
×	○	
×		○

XOX-XOB-XBO

×	○	×
	○	×
×		○

XOX-BOX-XBO

×	○	×
	○	
×	×	○

XOX-BOB-XXO

Strategy #1: Win

		X
X	O	O
O		X

BBX-XOO-OBX

	X	O
	O	
X	O	X

BXO-BOB-XOX

O		X
X	O	O
		X

OBX-XOO-BBX

O	X	
	O	
X	O	X

OXB-BOB-XOX

X		
O	O	X
X		O

XBB-OOX-XBO

X		O
O	O	X
X		

XBO-OOX-XBB

X	O	X
	O	
	X	O

XOX-BOB-BXO

X	O	X
	O	
O	X	

XOX-BOB-OXB

X plays next

X	O	X
X	O	
O	X	

XOX-XOB-OXB

X	O	X
	O	X
O	X	

XOX-BOX-OXB

X	O	X
	O	
O	X	X

XOX-BOB-OXX

Strategy #7: Play in any empty corner

		X
O		O
O	X	X

BBX-OBO-OXX

	O	O
		X
X	O	X

BOO-BBX-XOX

O	O	
X		
X	O	X

OOB-XBB-XOX

O	X	X
O		O
		X

OXX-OBO-BBX

X		
O		O
X	X	O

XBB-OBO-XXO

X	O	X
		X
	O	O

XOX-BBX-BOO

X	O	X
X		
O	O	

XOX-XBB-OOB

X	X	O
O		O
X		

XXO-OBO-XBB

X plays next

X	O	X
X	X	
O	O	

XOX-XXB-OOB

X	O	X
X		X
O	O	

XOX-XBX-OOB

X	O	X
X		
O	O	X

XOX-XBB-OOX

Strategy #2: Block

OBO-BBX-XOX

○		○
		×
×	○	×

OBO-BBX-XOX

○		○
×		
×	○	×

OBO-XBB-XOX

○		×
		○
○	×	×

OBX-BBO-OXX

○	×	×
		○
○		×

OXX-BBO-OBX

×		○
○		
×	×	○

XBO-OBX-XXO

×	○	×
		×
○		○

XOX-BBX-OBO

×	○	×
×		
○		○

XOX-XBB-OBO

×	×	○
○		
×		○

XXO-OBX-XBO

X plays next

×	○	×
×	×	
○		○

XOX-XXB-OBO

×	○	×
×		×
○		○

XOX-XBX-OBO

×	○	×
×		
○	×	○

XOX-XBB-OXO

Strategy #2: Block

		X
O	X	O
O		X

BBX-OXO-OBX

	O	O
	X	
X	O	X

BOO-BXB-XOX

O		X
O	X	O
		X

OBX-OXO-BBX

O	O	
	X	
X	O	X

OOB-BXB-XOX

X		
O	X	O
X		O

XBB-OXO-XBO

X		O
O	X	O
X		

XBO-OXO-XBB

X	O	X
	X	
	O	O

XOX-BXB-BOO

X	O	X
	X	
O	O	

XOX-BXB-OOB

X plays next

X	O	X
X	X	
O	O	

XOX-XXB-OOB

X	O	X
	X	X
O	O	

XOX-BXX-OOB

X	O	X
	X	
O	O	X

XOX-BXB-OOX

Strategy #1: Win

OBO-BXB-XOX

○		○
	×	
×	○	×

OBO-BXB-XOX

○		×
	×	○
○		×

OBX-BXO-OBX

×		○
○	×	
×		○

XBO-OXB-XBO

×	○	×
	×	
○		○

XOX-BXB-OBO

X plays next

×	○	×
×	×	
○		○

XOX-XXB-OBO

×	○	×
	×	×
○		○

XOX-BXX-OBO

×	○	×
	×	
○	×	○

XOX-BXB-OXO

Strategy #2: Block

	○	○
×		
×	○	×

BOO-XBB-XOX

	×	×
○		○
○		×

BXX-OBO-OBX

○		×
○		○
	×	×

OBX-OBO-BXX

○	○	
		×
×	○	×

OOB-BBX-XOX

×		○
○		○
×	×	

XBO-OBO-XXB

×	○	×
		×
○	○	

XOX-BBX-OOB

×	○	×
×		
	○	○

XOX-XBB-BOO

×	×	
○		○
×		○

XXB-OBO-XBO

X plays next

×	○	×
×		×
○	○	

XOX-XBX-OOB

×	○	×
	×	×
○	○	

XOX-BXX-OOB

×	○	×
		×
○	○	×

XOX-BBX-OOX

Strategy #1: Win

OBX-XBO-OBX

○		×
×		○
○		×

OBX-XBO-OBX

○	×	○
×	○	×

OXO-BBB-XOX

×		○
○		×
×		○

XBO-OBX-XBO

×	○	×
○	×	○

XOX-BBB-OXO

X plays next

×	○	×
×		
○	×	○

XOX-XBB-OXO

×	○	×
	×	
○	×	○

XOX-BXB-OXO

×	○	×
		×
○	×	○

XOX-BBX-OXO

Strategy #5: Play in the center

○		×
○		○
×		×

OBX-OBO-XBX

○	○	×
×	○	×

OOX-BBB-XOX

×		○
○		○
×		×

XBO-OBO-XBX

×		×
○		○
○		×

XBX-OBO-OBX

×		×
○		○
×		○

XBX-OBO-XBO

×	○	○
×	○	×

XOO-BBB-XOX

×	○	×
○	○	×

XOX-BBB-OOX

×	○	×
×	○	○

XOX-BBB-XOO

X plays next

×	○	×
×		
○	○	×

XOX-XBB-OOX

×	○	×
	×	
○	○	×

XOX-BXB-OOX

×	○	×
		×
○	○	×

XOX-BBX-OOX

Strategy #1: Win

BBB-OXX-OOX

○	×	×
○	○	×

BBB-OXX-OOX

×	×	○
×	○	○

BBB-XXO-XOO

	○	○
	×	○
	×	×

BOO-BXO-BXX

	×	×
	×	○
	○	○

BXX-BXO-BOO

○	○	
○	×	
×	×	

OOB-OXB-XXB

○	○	×
○	×	×

OOX-OXX-BBB

×	○	○
×	×	○

XOO-XXO-BBB

×	×	
○	×	
○	○	

XXB-OXB-OOB

X plays next

×	○	○
×	×	○
×		

XOO-XXO-XBB

×	○	○
×	×	○
	×	

XOO-XXO-BXB

×	○	○
×	×	○
		×

XOO-XXO-BBX

Strategy #1: Win

		○
	×	○
○	×	×

BBO-BXO-OXX

		○
	×	×
○	○	×

BBO-BXX-OOX

○		
○	×	
×	×	○

OBB-OXB-XXO

○		
×	×	
×	○	○

OBB-XXB-XOO

○	○	×
	×	×
		○

OOX-BXX-BBO

○	×	×
	×	○
		○

OXX-BXO-BBO

×	○	○
×	×	
○		

XOO-XXB-OB

×	×	○
○	×	
○		

XXO-OXB-OB

X plays next

×	○	○
×	×	×
○		

XOO-XXX-OB

×	○	○
×	×	
○	×	

XOO-XXB-OB

×	○	○
×	×	
○		×

XOO-XXB-OBX

Strategy #1: Win

		○
○	×	○
	×	×

BBO-OXO-BXX

	○	
	×	×
○	○	×

BOB-BXX-OOX

	○	
×	×	
×	○	○

BOB-XXB-XOO

	×	×
○	×	○
		○

BXX-OXO-BBO

○		
○	×	○
×	×	

OBB-OXO-XXB

○	○	×
	×	×
	○	

OOX-BXX-BOB

×	○	○
×	×	
	○	

XOO-XXB-BOB

×	×	
○	×	○
○		

XXB-OXO-OB

X plays next

×	○	○
×	×	×
	○	

XOO-XXX-BOB

×	○	○
×	×	
×	○	

XOO-XXB-XOB

×	○	○
×	×	
	○	×

XOO-XXB-BOX

Strategy #1: Win

		○
×	×	
×	○	○

BBO-XXB-XOO

	×	×
	×	○
○		○

BXX-BXO-OBO

○		
	×	×
○	○	×

OBB-BXX-OOX

○		○
	×	○
	×	×

OBO-BXO-BXX

○		○
○	×	
×	×	

OBO-OXB-XXB

○	○	×
	×	×
○		

OOX-BXX-OB

×	○	○
×	×	
		○

XOO-XXB-BBO

×	×	
○	×	
○		○

XXB-OXB-OBO

X plays next

×	○	○
×	×	×
		○

XOO-XXX-BBO

×	○	○
×	×	
×		○

XOO-XXB-XBO

×	○	○
×	×	
	×	○

XOO-XXB-BXO

Strategy #1: Win

BBB-XOX-OOX

X	O	X
O	O	X

BBB-XOX-OOX

X	O	X
X	O	O

BBB-XOX-XOO

	X	O
	O	O
	X	X

BXO-BOO-BXX

	X	X
	O	O
	X	O

BXX-BOO-BXO

O	O	X
X	O	X

OOX-XOX-BBB

O	X	
O	O	
X	X	

OXB-OOB-XXB

X	O	O
X	O	X

XOO-XOX-BBB

X	X	
O	O	
O	X	

XXB-OOB-OXB

X plays next

X	O	O
X	O	X
X		

XOO-XOX-XBB

X	O	O
X	O	X
	X	

XOO-XOX-BXB

X	O	O
X	O	X
		X

XOO-XOX-BBX

Strategy #1: Win

		○
×		×
○	○	×

BBO-XBX-OOX

	×	○
		○
○	×	×

BXO-BBO-OXX

○		
×		×
×	○	○

OBB-XBX-XOO

○	○	×
×		×
		○

OOX-XBX-BBO

○	×	
○		
×	×	○

OXB-OBB-XXO

○	×	×
		○
	×	○

OXX-BBO-BXO

×	○	○
×		×
○		

XOO-XBX-OBX

×	×	○
○		
○	×	

XXO-OBB-OXB

X plays next

×	○	○
×	×	×
○		

XOO-XXX-OBX

×	○	○
×		×
○	×	

XOO-XBX-OXB

×	○	○
×		×
○		×

XOO-XBX-OBX

Strategy #1: Win

BOB-XBX-OOX

	○	
×		×
○	○	×

BOB-XBX-OOX

	○	
×		×
×	○	○

BOB-XBX-XOO

	×	○
○		○
	×	×

BXO-OBO-BXX

	×	×
○		○
	×	○

BXX-OBO-BXO

○	○	×
×		×
	○	

OOX-XBX-BOB

○	×	
○		○
×	×	

OXB-OBO-XXB

×	○	○
×		×
	○	

XOO-XBX-BOB

×	×	
○		○
○	×	

XXB-OBO-OXB

X plays next

×	○	○
×	×	×
	○	

XOO-XXX-BOB

×	○	○
×		×
×	○	

XOO-XBX-XOB

×	○	○
×		×
	○	×

XOO-XBX-BOX

Strategy #1: Win

		○
×		×
×	○	○

BBO-XBX-XOO

	×	×
		○
○	×	○

BXX-BBO-OXO

○		
×		×
○	○	×

OBB-XBX-OOX

○	○	×
×		×
○		

OOX-XBX-OB

○	×	○
		○
	×	×

OXO-BBO-BXX

○	×	○
○		
×	×	

OXO-OB-XXB

×	○	○
×		×
		○

XOO-XBX-BBO

×	×	
○		
○	×	○

XXB-OB-OXO

X plays next

×	○	○
×	×	×
		○

XOO-XXX-BBO

×	○	○
×		×
×		○

XOO-XBX-XBO

×	○	○
×		×
	×	○

XOO-XBX-BXO

Strategy #1: Win

		○
×	○	○
	×	×

BBO-XOO-BXX

	×	
	○	×
○	○	×

BXB-BOX-OOX

	×	
×	○	
×	○	○

BXB-XOB-XOO

	×	×
×	○	○
		○

BXX-XOO-BBO

○		
○	○	×
×	×	

OBB-OOX-XXB

○	○	×
	○	×
	×	

OOX-BOX-BXB

×	○	○
×	○	
	×	

XOO-XOB-BXB

×	×	
○	○	×
○		

XXB-OOX-OB

X plays next

×	○	○
×	○	×
	×	

XOO-XOX-BXB

×	○	○
×	○	
×	×	

XOO-XOB-XXB

×	○	○
×	○	
	×	×

XOO-XOB-BXX

Strategy #1: Win

	○	○
×		○
	×	×

BOO-XBO-BXX

	×	
○		×
○	○	×

BXB-OBX-OOX

	×	
×		○
×	○	○

BXB-XBO-XOO

	×	×
×		○
	○	○

BXX-XBO-BOO

○	○	
○		×
×	×	

OOB-OBX-XXB

○	○	×
○		×
	×	

OOX-OBX-BXB

×	○	○
×		○
	×	

XOO-XBO-BXB

×	×	
○		×
○	○	

XXB-OBX-OOB

X plays next

×	○	○
×	×	○
	×	

XOO-XXO-BXB

×	○	○
×		○
×	×	

XOO-XBO-XXB

×	○	○
×		○
	×	×

XOO-XBO-BXX

Strategy #1: Win

		○
×		○
○	×	×

BBO-XBO-OXX

	×	○
		×
○	○	×

BXO-BBX-OOX

○		
○		×
×	×	○

OBB-OBX-XXO

○	○	×
		×
	×	○

OOX-BBX-BXO

○	×	
×		
×	○	○

OXB-XBB-XOO

○	×	×
×		○
		○

OXX-XBO-BBO

×	○	○
×		
○	×	

XOO-XBB-OXB

×	×	○
○		×
○		

XXO-OBX-OB

X plays next

×	○	○
×	×	
○	×	

XOO-XXB-OXB

×	○	○
×		×
○	×	

XOO-XBX-OXB

×	○	○
×		
○	×	×

XOO-XBB-OXX

Strategy #2: Block

BXO-XBB-XOO

	X	O
X		
X	O	O

BXO-XBB-XOO

	X	X
X		O
O		O

BXX-XBO-OBO

O		O
O		X
X	X	

OBO-OBX-XXB

O		O
X		O
	X	X

OBO-XBO-BXX

O	O	X
		X
O	X	

OOX-BBX-OXB

O	X	
		X
O	O	X

OXB-BBX-OOX

X	O	O
X		
	X	O

XOO-XBB-BXO

X	X	
O		X
O		O

XXB-OBX-OBO

X plays next

X	O	O
X	X	
	X	O

XOO-XXB-BXO

X	O	O
X		X
	X	O

XOO-XBX-BXO

X	O	O
X		
X	X	O

XOO-XBB-XXO

Strategy #1: Win

BBX-XOB-XOO

		X
X	O	
X	O	O

BBX-XOB-XOO

	X	X
	O	O
X		O

BXX-BOO-XBO

O		X
O	O	
X	X	

OBX-OOB-XXB

O	O	X
	O	X
X		

OOX-BOX-XBB

X		
	O	X
O	O	X

XBB-BOX-OOX

X		O
	O	O
	X	X

XBO-BOO-BXX

X	O	O
X	O	
		X

XOO-XOB-BBX

X	X	
O	O	
O		X

XXB-OOB-OBX

X plays next

X	O	O
X	O	X
		X

XOO-XOX-BBX

X	O	O
X	O	
X		X

XOO-XOB-XBX

X	O	O
X	O	
	X	X

XOO-XOB-BXX

Strategy #1: Win

BBX-XBO-XOO

		X
X		O
X	O	O

BBX-XBO-XOO

	X	X
		O
X	O	O

BXX-BBO-XOO

O	O	X
O		
X	X	

OOX-OBX-XXB

O	O	X
O		X
X		

OOX-OBX-XXB

X		
O		X
O	O	X

XBB-OBX-OOX

X	O	O
		O
	X	X

XOO-BBO-BXX

X	O	O
X		O
		X

XOO-XBO-BBX

X	X	
O		
O	O	X

XXB-OBX-OOX

X plays next

X	O	O
X	X	O
		X

XOO-XXO-BBX

X	O	O
X		O
X		X

XOO-XBO-XBX

X	O	O
X		O
	X	X

XOO-XBO-BXX

Strategy #1: Win

OBX-OBB-XXO

○		×
○		
×	×	○

OBX-OBB-XXO

○		×
×		
×	○	○

OBX-XBB-XOO

○	○	×
		×
×		○

OOX-BBX-XBO

○	×	×
		○
×		○

OXX-BBO-XBO

×		○
		○
○	×	×

XBO-BBO-OXX

×		○
		×
○	○	×

XBO-BBX-OOX

×	○	○
×		
○		×

XOO-XBB-OBX

×	×	○
○		
○		×

XXO-OBX-OBX

X plays next

×	○	○
×	×	
○		×

XOO-XXB-OBX

×	○	○
×		×
○		×

XOO-XBX-OBX

×	○	○
×		
○	×	×

XOO-XBB-OXX

Strategy #1: Win

	○	×
×		
×	○	○

BOX-XBB-XOO

	×	×
○		○
×		○

BXX-OBO-XBO

○		×
○		○
×	×	

OBX-OBO-XXB

○	○	×
		×
×	○	

OOX-BBX-XOB

×		○
○		○
	×	×

XBO-OBO-BXX

×	○	
		×
○	○	×

XOB-BBX-OOX

×	○	○
×		
	○	×

XOO-XBB-BOX

×	×	
○		○
○		×

XXB-OBO-OBX

X plays next

×	○	○
×	×	
	○	×

XOO-XXB-BOX

×	○	○
×		×
	○	×

XOO-XBX-BOX

×	○	○
×		
×	○	×

XOO-XBB-XOX

Strategy #1: Win

BBO-XOX-BOX

		○
×	○	×
	○	×

BBO-XOX-BOX

	○	×
×	○	×
		○

BOX-XOX-BBO

	×	
	○	○
○	×	×

BXB-BOO-OXX

	×	
○	○	
×	×	○

BXB-OOB-XXO

○		
×	○	×
×	○	

OBB-XOX-XOB

○	×	×
	○	○
	×	

OXX-BOO-BXB

×	○	
×	○	×
○		

XOB-XOX-OB

×	×	○
○	○	
	×	

XXO-OOB-BXB

X plays next

×	○	×
×	○	×
○		

XOX-XOX-OB

×	○	
×	○	×
○	×	

XOB-XOX-OB

×	○	
×	○	×
○		×

XOB-XOX-OB

Strategy #2: Block

		○
×	○	×
×	○	

BBO-XOX-XOB

	○	×
×	○	×
○		

BOX-XOX-OB

	×	○
○	○	
×	×	

BXO-OOB-XXB

	×	×
	○	○
○	×	

BXX-BOO-OXB

○		
×	○	×
	○	×

OBB-XOX-BOX

○	×	
	○	○
	×	×

OXB-BOO-BXX

×	○	
×	○	×
		○

XOB-XOX-BBO

×	×	
○	○	
	×	○

XXB-OOB-BXO

X plays next

×	○	×
×	○	×
		○

XOX-XOX-BBO

×	○	
×	○	×
×		○

XOB-XOX-XBO

×	○	
×	○	×
	×	○

XOB-XOX-BXO

Strategy #1: Win

BOB-OOX-XXB

	○	
○	○	×
×	×	

BOB-OOX-XXB

	○	
×	○	○
	×	×

BOB-XOO-BXX

	○	×
○	○	×
	×	

BOX-OOX-BXB

	×	
○	○	×
	○	×

BXB-OOX-BOX

	×	
×	○	○
×	○	

BXB-XOO-XOB

	×	×
×	○	○
	○	

BXX-XOO-BOB

×	○	
×	○	○
	×	

XOB-XOO-BXB

×	×	
○	○	×
	○	

XXB-OOX-BOB

X plays next

×	○	×
×	○	○
	×	

XOX-XOO-BXB

×	○	
×	○	○
×	×	

XOB-XOO-XXB

×	○	
×	○	○
	×	×

XOB-XOO-BXX

Strategy #1: Win

BBB-OOX-XXO

○	○	×
×	×	○

BBB-OOX-XXO

×	○	○
○	×	×

BBB-XOO-OXX

	○	×
	○	×
	×	○

BOX-BOX-BXO

	×	○
	○	×
	○	×

BXO-BOX-BOX

○	×	
×	○	
×	○	

OXB-XOB-XOB

○	×	×
×	○	○

OXX-XOO-BBB

×	○	
×	○	
○	×	

XOB-XOB-OXB

×	×	○
○	○	×

XXO-OOX-BBB

X plays next

×	○	×
×	○	
○	×	

XOX-XOB-OXB

×	○	
×	○	×
○	×	

XOB-XOX-OXB

×	○	
×	○	
○	×	×

XOB-XOB-OXX

Strategy #2: Block

		○
○	○	×
×	×	

BBO-OOX-XXB

	○	×
	○	×
○	×	

BOX-BOX-OXB

	×	○
×	○	
×	○	

BXO-XOB-XOB

	×	×
×	○	○
○		

BXX-XOO-OB

○		
×	○	○
	×	×

OBB-XOO-BXX

○	×	
	○	×
	○	×

OXB-BOX-BOX

×	○	
×	○	
	×	○

XOB-XOB-BXO

×	×	
○	○	×
		○

XXB-OOX-BBO

X plays next

×	○	×
×	○	
	×	○

XOX-XOB-BXO

×	○	
×	○	×
	×	○

XOB-XOX-BXO

×	○	
×	○	
×	×	○

XOB-XOB-XXO

Strategy #1: Win

		X
X	O	O
X	O	

BBX-XOO-XOB

	O	X
O	O	
X	X	

BOX-OOB-XXB

	O	X
O	O	X
X		

BOX-OOX-XBB

	X	X
	O	O
X	O	

BXX-BOO-XOB

X		
O	O	X
	O	X

XBB-OOX-BOX

X	O	
	O	O
	X	X

XOB-BOO-BXX

X	O	
X	O	O
		X

XOB-XOO-BBX

X	X	
O	O	
	O	X

XXB-OOB-BOX

X plays next

X	O	X
X	O	O
		X

XOX-XOO-BBX

X	O	
X	O	O
X		X

XOB-XOO-XBX

X	O	
X	O	O
	X	X

XOB-XOO-BXX

Strategy #1: Win

		X
O	O	
X	X	O

BBX-OOB-XXO

	O	X
	O	X
X		O

BOX-BOX-XBO

O		X
X	O	
X	O	

OBX-XOB-XOB

O	X	X
	O	O
X		

OXX-BOO-XBB

X		
	O	O
O	X	X

XBB-BOO-OXX

X		O
	O	X
	O	X

XBO-BOX-BOX

X	O	
X	O	
O		X

XOB-XOB-OBX

X	X	O
O	O	
		X

XXO-OOB-BBX

X plays next

X	O	X
X	O	
O		X

XOX-XOB-OBX

X	O	
X	O	X
O		X

XOB-XOX-OBX

X	O	
X	O	
O	X	X

XOB-XOB-OXX

Strategy #2: Block

		○
○	×	×
	○	×

BBO-OXX-BOX

	○	
	×	○
○	×	×

BOB-BXO-OXX

	○	
○	×	
×	×	○

BOB-OXB-XXO

	○	×
○	×	×
		○

BOX-OXX-BBO

○		
×	×	○
×	○	

OBB-XXO-XOB

○	×	×
	×	○
	○	

OXX-BXO-BOB

×	○	
×	×	○
○		

XOB-XXO-OB

×	×	○
○	×	
	○	

XXO-OXB-BOB

X plays next

×	○	×
×	×	○
○		

XOX-XXO-OB

×	○	
×	×	○
○	×	

XOB-XXO-OXB

×	○	
×	×	○
○		×

XOB-XXO-OBX

Strategy #1: Win

	○	
○	×	○
	×	×

BOB-OXO-BXX

	○	
○	×	○
×	×	

BOB-OXO-XXB

	○	
○	×	×
	○	×

BOB-OXX-BOX

	○	
×	×	○
×	○	

BOB-XXO-XOB

	○	×
○	×	×
	○	

BOX-OXX-BOB

	×	×
○	×	○
	○	

BXX-OXO-BOB

×	○	
×	×	○
	○	

XOB-XXO-BOB

×	×	
○	×	○
	○	

XXB-OXO-BOB

X plays next

×	○	×
×	×	○
	○	

XOX-XXO-BOB

×	○	
×	×	○
×	○	

XOB-XXO-XOB

×	○	
×	×	○
	○	×

XOB-XXO-BOX

Strategy #1: Win

		○
×	×	○
×	○	

BBO-XXO-XOB

	○	○
○	×	
×	×	

BOO-OXB-XXB

	○	×
○	×	×
○		

BOX-OXX-OB

	×	×
	×	○
○	○	

BXX-BXO-OOB

○		
○	×	×
	○	×

OBB-OXX-BOX

○	○	
	×	○
	×	×

OOB-BXO-BXX

×	○	
×	×	○
		○

XOB-XXO-BBO

×	×	
○	×	
	○	○

XXB-OXB-BOO

X plays next

×	○	×
×	×	○
		○

XOX-XXO-BBO

×	○	
×	×	○
×		○

XOB-XXO-XBO

×	○	
×	×	○
	×	○

XOB-XXO-BXO

Strategy #1: Win

	○	
○		×
×	×	○

BOB-OBX-XXO

	○	
×		○
○	×	×

BOB-XBO-OXX

	○	×
○		×
	×	○

BOX-OBX-BXO

	×	○
○		×
	○	×

BXO-OBX-BOX

○	×	
×		○
×	○	

OXB-XBO-XOB

○	×	×
×		○
	○	

OXX-XBO-BOB

×	○	
×		○
○	×	

XOB-XBO-OXB

×	×	○
○		×
	○	

XXO-OBX-BOB

X plays next

×	○	×
×		○
○	×	

XOX-XBO-OXB

×	○	
×	×	○
○	×	

XOB-XXO-OXB

×	○	
×		○
○	×	×

XOB-XBO-OXX

Strategy #5: Play in the center

	○	○
○		×
×	×	

BOO-OBX-XXB

	○	×
○		×
○	×	

BOX-OBX-OBX

	×	○
×		○
×	○	

BXO-XBO-XOB

	×	×
×		○
○	○	

BXX-XBO-OOB

○	○	
×		○
	×	×

OOB-XBO-BXX

○	×	
○		×
	○	×

OXB-OBX-BOX

×	○	
×		○
	×	○

XOB-XBO-BXO

×	×	
○		×
	○	○

XXB-OBX-BOO

X plays next

×	○	×
×		○
	×	○

XOX-XBO-BXO

×	○	
×	×	○
	×	○

XOB-XXO-BXO

×	○	
×		○
×	×	○

XOB-XBO-XXO

Strategy #1: Win

	○	×
○		
×	×	○

BOX-OBB-XXO

	○	×
○		×
×		○

BOX-OBX-XBO

○		×
×		○
×	○	

OBX-XBO-XOB

○	×	×
		○
×	○	

OXX-BBO-XOB

×		○
○		×
	○	×

XBO-OBX-BOX

×	○	
		○
○	×	×

XOB-BBO-OXX

×	○	
×		○
○		×

XOB-XBO-OBX

×	×	○
○		
	○	×

XXO-OBX-BOX

X plays next

×	○	×
×		○
○		×

XOX-XBO-OBX

×	○	
×	×	○
○		×

XOB-XXO-OBX

×	○	
×		○
○	×	×

XOB-XBO-OXX

Strategy #1: Win

	○	×
○		○
×	×	

BOX-OBO-XXB

	○	×
○		×
×	○	

BOX-OBX-XOB

	○	×
×		○
×	○	

BOX-XBO-XOB

	×	×
○		○
×	○	

BXX-OBO-XOB

×	○	
○		○
	×	×

XOB-OBO-BXX

×	○	
○		×
	○	×

XOB-OBX-BOX

×	○	
×		○
	○	×

XOB-XBO-BOX

×	×	
○		○
	○	×

XXB-OBO-BOX

X plays next

×	○	×
×		○
	○	×

XOX-XBO-BOX

×	○	
×	×	○
	○	×

XOB-XXO-BOX

×	○	
×		○
×	○	×

XOB-XBO-XOX

Strategy #1: Win

BBB-OXO-OXX

○	×	○
○	×	×

BBB-OXO-OXX

○	×	○
×	×	○

BBB-OXO-XXO

	○	○
	×	×
	○	×

BOO-BXX-BOX

	○	×
	×	×
	○	○

BOX-BXX-BOO

○	○	
×	×	
×	○	

OOB-XXB-XOB

○	×	×
○	×	○

OXX-OXO-BBB

×	○	
×	×	
○	○	

XOB-XXB-OOB

×	×	○
○	×	○

XXO-OXO-BBB

X plays next

×	○	×
×	×	
○	○	

XOX-XXB-OOB

×	○	
×	×	×
○	○	

XOB-XXX-OOB

×	○	
×	×	
○	○	×

XOB-XXB-OOX

Strategy #1: Win

		○
○	×	
×	×	○

BBO-OXB-XXO

	○	×
	×	×
○		○

BOX-BXX-OBO

○		
	×	○
○	×	×

OBB-BXO-OXX

○		○
	×	×
	○	×

OBO-BXX-BOX

○		○
×	×	
×	○	

OBO-XXB-XOB

○	×	×
	×	○
○		

OXX-BXO-OB

×	○	
×	×	
○		○

XOB-XXB-OBO

×	×	○
○	×	
		○

XXO-OXB-BBO

X plays next

×	○	×
×	×	
○		○

XOX-XXB-OBO

×	○	
×	×	×
○		○

XOB-XXX-OBO

×	○	
×	×	
○	×	○

XOB-XXB-OXO

Strategy #1: Win

	○	○
×		×
	○	×

BOO-XBX-BOX

	○	×
×		×
	○	○

BOX-XBX-BOO

	×	
○		○
○	×	×

BXB-OBO-OXX

	×	
○		○
×	×	○

BXB-OBO-XXO

○	○	
×		×
×	○	

OOB-XBX-XOB

○	×	×
○		○
	×	

OXX-OBO-BXB

×	○	
×		×
○	○	

XOB-XBX-OOB

×	×	○
○		○
	×	

XXO-OBO-BXB

X plays next

×	○	×
×		×
○	○	

XOX-XBX-OOB

×	○	
×	×	×
○	○	

XOB-XXX-OOB

×	○	
×		×
○	○	×

XOB-XBX-OOX

Strategy #1: Win

	○	×
×		×
○		○

BOX-XBX-OBO

	×	○
○		
×	×	○

BXO-OBB-XXO

○		○
×		×
	○	×

OBO-XBX-BOX

○		○
×		×
×	○	

OBO-XBX-XOB

○	×	
		○
○	×	×

OXB-BBO-OXX

○	×	×
		○
○	×	

OXX-BBO-OXB

×	○	
×		×
○		○

XOB-XBX-OBO

×	×	○
○		
	×	○

XXO-OBB-BXO

X plays next

×	○	×
×		×
○		○

XOX-XBX-OBO

×	○	
×	×	×
○		○

XOB-XXX-OBO

×	○	
×		×
○	×	○

XOB-XBX-OXO

Strategy #1: Win

		○
○		×
×	×	○

BBO-OBX-XXO

	○	×
		×
○	×	○

BOX-BBX-OXO

○		
×		○
○	×	×

OBB-XBO-OXX

○	×	○
		×
	○	×

OXO-BBX-BOX

○	×	○
×		
×	○	

OXO-XBB-XOB

○	×	×
×		○
○		

OXX-XBO-OBX

×	○	
×		
○	×	○

XOB-XBB-OXO

×	×	○
○		×
		○

XXO-OBX-BBO

X plays next

×	○	×
×		
○	×	○

XOX-XBB-OXO

×	○	
×	×	
○	×	○

XOB-XXB-OXO

×	○	
×		×
○	×	○

XOB-XBX-OXO

Strategy #5: Play in the center

		X
O		O
X	X	O

BBX-OBO-XXO

	O	X
		X
X	O	O

BOX-BBX-XOO

O	O	X
X		
X	O	

OOX-XBB-XOB

O	X	X
O		O
X		

OXX-OBO-XBB

X		
O		O
O	X	X

XBB-OBO-OXX

X	O	
X		
O	O	X

XOB-XBB-OOX

X	O	O
		X
	O	X

XOO-BBX-BOX

X	X	O
O		O
		X

XXO-OBO-BBX

X plays next

X	O	X
X		
O	O	X

XOX-XBB-OOX

X	O	
X	X	
O	O	X

XOB-XXB-OOX

X	O	
X		X
O	O	X

XOB-XBX-OOX

Strategy #1: Win

		○
○	×	○
×	×	

BBO-OXO-XXB

	○	○
×	×	
×	○	

BOO-XXB-XOB

	○	×
	×	×
○	○	

BOX-BXX-OOB

	×	×
○	×	○
○		

BXX-OXO-OB

○		
○	×	○
	×	×

OBB-OXO-BXX

○	○	
	×	×
	○	×

OOB-BXX-BOX

×	○	
×	×	
	○	○

XOB-XXB-BOO

×	×	
○	×	○
		○

XXB-OXO-BBO

X plays next

×	○	×
×	×	
	○	○

XOX-XXB-BOO

×	○	
×	×	×
	○	○

XOB-XXX-BOO

×	○	
×	×	
×	○	○

XOB-XXB-XOO

Strategy #1: Win

	○	○
×		×
×	○	

BOO-XBX-XOB

	○	×
×		×
○	○	

BOX-XBX-OOB

	×	○
○		○
×	×	

BXO-OBO-XXB

	×	×
○		○
○	×	

BXX-OBO-OXB

○	○	
×		×
	○	×

OOB-XBX-BOX

○	×	
○		○
	×	×

OXB-OBO-BXX

×	○	
×		×
	○	○

XOB-XBX-BOO

×	×	
○		○
	×	○

XXB-OBO-BXO

X plays next

×	○	×
×		×
	○	○

XOX-XBX-BOO

×	○	
×	×	×
	○	○

XOB-XXX-BOO

×	○	
×		×
×	○	○

XOB-XBX-XOO

Strategy #1: Win

BBB-OXX-XOO

○	×	×
×	○	○

BBB-OXX-XOO

×	×	○
○	○	×

BBB-XXO-OOX

	○	×
	×	○
	×	○

BOX-BXO-BXO

	×	○
	×	○
	○	×

BXO-BXO-BOX

○	○	×
×	×	○

OOX-XXO-BBB

○	×	
○	×	
×	○	

OXB-OXB-XOB

×	○	
○	×	
○	×	

XOB-OXB-OXB

×	○	○
○	×	×

XOO-OXX-BBB

X plays next

×	○	○
○	×	×
×		

XOO-OXX-XBB

×	○	○
○	×	×
	×	

XOO-OXX-BXB

×	○	○
○	×	×
		×

XOO-OXX-BBX

Strategy #1: Win

		○
×	×	
○	○	×

BBO-XXB-OOX

	×	○
	×	○
○		×

BXO-BXO-OBX

○		
	×	×
×	○	○

OBB-BXX-XOO

○		×
	×	○
	×	○

OBX-BXO-BXO

○	○	×
×	×	
		○

OOX-XXB-BBO

○	×	
○	×	
×		○

OXB-OXB-XBO

×		○
○	×	
○	×	

XBO-OXB-OXB

×	○	○
	×	×
○		

XOO-BXX-OBX

X plays next

×	○	○
×	×	×
○		

XOO-XXX-OBX

×	○	○
	×	×
○	×	

XOO-BXX-OXB

×	○	○
	×	×
○		×

XOO-BXX-OBX

Strategy #1: Win

		X
O	X	O
	X	O

BBX-OXO-BXO

	O	
	X	X
X	O	O

BOB-BXX-XOO

	O	
X	X	
O	O	X

BOB-XXB-OOX

	X	O
O	X	O
		X

BXO-OXO-BBX

O	O	X
X	X	
	O	

OOX-XXB-BOB

O	X	
O	X	O
X		

OXB-OXO-XBB

X		
O	X	O
O	X	

XBB-OXO-OXB

X	O	O
	X	X
	O	

XOO-BXX-BOB

X plays next

X	O	O
X	X	X
	O	

XOO-XXX-BOB

X	O	O
	X	X
X	O	

XOO-BXX-XOB

X	O	O
	X	X
	O	X

XOO-BXX-BOX

Strategy #1: Win

		○
	×	×
×	○	○

BBO-BXX-XOO

		×
	×	○
○	×	○

BBX-BXO-OXO

○		
×	×	
○	○	×

OBB-XXB-OOX

○	○	×
×	×	
○		

OOX-XXB-OB

○	×	○
	×	○
		×

OXO-BXO-BBX

○	×	○
○	×	
×		

OXO-AXB-XBB

×		
○	×	
○	×	○

XBB-AXB-OXO

×	○	○
	×	×
		○

XOO-BXX-BBO

X plays next

×	○	○
×	×	×
		○

XOO-XXX-BBO

×	○	○
	×	×
×		○

XOO-BXX-XBO

×	○	○
	×	×
	×	○

XOO-BXX-BXO

Strategy #1: Win

BBX-OXB-OOX

		X
O	X	
O	O	X

BBX-OXB-OOX

	O	O
	X	O
X		X

BOO-BXO-XXB

O	O	
O	X	
X		X

OOB-OXB-XXB

O	O	X
O	X	
		X

OOX-OXB-BBX

X		
	X	O
X	O	O

XBB-BXO-XOO

X		X
	X	O
	O	O

XBX-BXO-BOO

X		X
O	X	
O	O	

XBX-OXB-OOB

X	O	O
	X	O
X		

XOO-BXO-XBB

X plays next

X	O	O
X	X	O
X		

XOO-XXO-XBB

X	O	O
	X	O
X	X	

XOO-BXO-XXB

X	O	O
	X	O
X		X

XOO-BXO-XBX

Strategy #1: Win

		○
○	×	○
×		×

BBO-OXO-XXB

	○	×
	×	
○	○	×

BOX-BXB-OOX

○		
○	×	○
×		×

OBB-OXO-XXB

○	○	×
	×	
	○	×

OOX-BXB-BOX

×		×
○	×	○
		○

XXB-OXO-BBO

×		×
○	×	○
○		

XXB-OXO-OB

×	○	
	×	
×	○	○

XOB-BXB-OO

×	○	○
	×	
×	○	

XOO-BXB-XOB

X plays next

×	○	○
×	×	
×	○	

XOO-XXB-XOB

×	○	○
	×	×
×	○	

XOO-BXX-XOB

×	○	○
	×	
×	○	×

XOO-BXB-XOX

Strategy #1: Win

○		○
	×	○
×		×

OBO-BXO-XBX

○		○
○	×	
×		×

OBO-OXB-XBX

○		×
	×	
○	○	×

OBX-BXB-OOX

○	○	×
	×	
○		×

OOX-BXB-OBX

×		○
	×	
×	○	○

XBO-BXB-XOO

×		×
	×	○
○		○

XBX-BXO-OBO

×		×
○	×	
○		○

XBX-OXB-OBO

×	○	○
	×	
×		○

XOO-BXB-XBO

X plays next

×	○	○
×	×	
×		○

XOO-XXB-XBO

×	○	○
	×	×
×		○

XOO-BXX-XBO

×	○	○
	×	
×	×	○

XOO-BXB-XXO

Strategy #1: Win

		○
×	×	○
	○	×

BBO-XXO-BOX

	○	×
×	×	○
		○

BOX-XXO-BBO

	×	
	×	○
○	○	×

BXB-BXO-OOX

	×	
○	×	
×	○	○

BXB-OXB-XOO

○		
○	×	×
×	○	

OBB-OXX-XOB

○	○	×
	×	○
	×	

OOX-BXO-BXB

×	○	
○	×	×
○		

XOB-OXX-OB

×	○	○
○	×	
	×	

XOO-OXB-BXB

X plays next

×	○	○
○	×	×
	×	

XOO-OXX-BXB

×	○	○
○	×	
×	×	

XOO-OXB-XXB

×	○	○
○	×	
	×	×

XOO-OXB-BXX

Strategy #1: Win

BBX-XXO-BOO

		X
X	X	O
	O	O

BBX-XXO-BOO

	O	O
X	X	O
		X

BOO-XXO-BBX

	X	
	X	O
X	O	O

BXB-BXO-XOO

	X	
O	X	
O	O	X

BXB-OXB-OOX

O	O	
O	X	X
X		

OOB-OXX-XBB

O	O	X
O	X	
	X	

OOX-OXB-BXB

X		
O	X	X
O	O	

XBB-OXX-OOB

X	O	O
	X	O
	X	

XOO-BXO-BXB

X plays next

X	O	O
X	X	O
	X	

XOO-XXO-BXB

X	O	O
	X	O
X	X	

XOO-BXO-XXB

X	O	O
	X	O
	X	X

XOO-BXO-BXX

Strategy #1: Win

		○
×	×	○
○		×

BBO-XXO-OBX

	×	○
	×	
○	○	×

BXO-BXB-OOX

○		
○	×	×
×		○

OBB-OXX-XBO

○		×
×	×	○
		○

OBX-XXO-BBO

○	○	×
	×	
	×	○

OOX-BXB-BXO

○	×	
	×	
×	○	○

OXB-BXB-XOO

×		○
○	×	×
○		

XBO-OXX-OBB

×	○	○
	×	
○	×	

XOO-BXB-OBX

X plays next

×	○	○
×	×	
○	×	

XOO-XXB-OBX

×	○	○
	×	×
○	×	

XOO-BXX-OBX

×	○	○
	×	
○	×	×

XOO-BXB-OXX

Strategy #1: Win

		X
X	X	O
O		O

BBX-XXO-OBO

	X	O
	X	
X	O	O

BXO-BXB-XOO

O		O
O	X	X
X		

OBO-OXX-XBB

O		O
X	X	O
		X

OBO-XXO-BBX

O	O	X
	X	
O	X	

OOX-BXB-OXB

O	X	
	X	
O	O	X

OXB-BXB-OOX

X		
O	X	X
O		O

XBB-OXX-OBO

X	O	O
	X	
	X	O

XOO-BXB-BXO

X plays next

X	O	O
X	X	
	X	O

XOO-XXB-BXO

X	O	O
	X	X
	X	O

XOO-BXX-BXO

X	O	O
	X	
X	X	O

XOO-BXB-XXO

Strategy #2: Block

	○	
○	×	×
×	○	

BOB-OXX-XOB

	○	
×	×	○
	○	×

BOB-XXO-BOX

	○	×
○	×	○
	×	

BOX-OXO-BXB

	○	×
×	×	○
	○	

BOX-XXO-BOB

	×	
○	×	○
	○	×

BXB-OXO-BOX

	×	
○	×	○
×	○	

BXB-OXO-XOB

×	○	
○	×	○
	×	

XOB-OXO-BXB

×	○	
○	×	×
	○	

XOB-OXX-BOB

X plays next

×	○	×
○	×	×
	○	

XOX-OXX-BOB

×	○	
○	×	×
×	○	

XOB-OXX-XOB

×	○	
○	×	×
	○	×

XOB-OXX-BOX

Strategy #1: Win

		○
○	×	×
×	○	

BBO-OXX-XOB

	○	×
	×	○
○	×	

BOX-BXO-OXB

	○	×
×	×	○
○		

BOX-XXO-OBB

	×	○
○	×	
×	○	

BXO-OXB-XOB

○		
×	×	○
	○	×

OBB-XXO-BOX

○	×	
	×	○
	○	×

OXB-BXO-BOX

×	○	
○	×	
	×	○

XOB-OXB-BXO

×	○	
○	×	×
		○

XOB-OXX-BBO

X plays next

×	○	×
○	×	×
		○

XOX-OXX-BBO

×	○	
○	×	×
×		○

XOB-OXX-XBO

×	○	
○	×	×
	×	○

XOB-OXX-BXO

Strategy #7: Play in any empty corner

BOB-OXO-OBX

	○	
○	×	○
×		×

BOB-OXO-OBX

	○	×
○	×	
	○	×

BOB-OXB-BOX

×		×
○	×	○
	○	

OBX-OXO-BOB

×	○	
	×	○
×	○	

BOB-BXO-XOB

X plays next

×	○	×
	×	○
×	○	

XOX-BXO-XOB

×	○	
×	×	○
×	○	

BOB-XXO-XOB

×	○	
	×	○
×	○	×

BOB-BXO-XOX

Strategy #1: Win

	○	○
○	×	
×		×

BOO-OXB-XBX

	○	×
○	×	
○		×

BOX-OXB-OBX

○		×
○	×	
	○	×

OBX-OXB-BOX

○	○	
	×	○
×		×

OOB-BXO-XBX

×		○
	×	○
×	○	

XBO-BXO-XOB

×		×
	×	○
○	○	

XBX-BXO-OOB

×		×
○	×	
	○	○

XBX-OXB-BOO

×	○	
	×	○
×		○

XOB-BXO-XBO

X plays next

×	○	×
	×	○
×		○

XOX-BXO-XBO

×	○	
×	×	○
×		○

XOB-XXO-XBO

×	○	
	×	○
×	×	○

XOB-BXO-XXO

Strategy #1: Win

	○	
○	×	×
×		○

BOB-OXX-XBO

	○	
×	×	○
○		×

BOB-XXO-OBX

	○	×
○	×	
	×	○

BOX-OXB-BXO

	×	○
○	×	
	○	×

BXO-OXB-BOX

○		×
×	×	○
	○	

OBX-XXO-BOB

○	×	
	×	○
×	○	

OXB-BXO-XOB

×		○
○	×	×
	○	

XBO-OXX-BOB

×	○	
	×	○
○	×	

XOB-BXO-OXB

X plays next

×	○	×
	×	○
○	×	

XOX-BXO-OXB

×	○	
×	×	○
○	×	

XOB-XXO-OXB

×	○	
	×	○
○	×	×

XOB-BXO-OXX

Strategy #1: Win

		X
X	X	O
O	O	

BBX-XXO-OOB

	O	O
O	X	X
X		

BOO-OXX-XBB

	O	X
O	X	
O	X	

BOX-OXB-OXB

	X	O
	X	O
X	O	

BXO-BXO-XOB

O	O	
X	X	O
		X

OOB-XXO-BBX

O	X	
O	X	
	O	X

OXB-OXB-BOX

X		
O	X	X
	O	O

XBB-OXX-BOO

X	O	
	X	O
	X	O

XOB-BXO-BXO

X plays next

X	O	X
	X	O
	X	O

XOX-BXO-BXO

X	O	
X	X	O
	X	O

XOB-XXO-BXO

X	O	
	X	O
X	X	O

XOB-BXO-XXO

Strategy #2: Block

	○	○
×	×	
	○	×

BOO-XXB-BOX

	○	×
×	×	
	○	○

BOX-XXB-BOO

	×	
○	×	○
○		×

BXB-OXO-OBX

	×	
○	×	○
×		○

BXB-OXO-XBO

○		×
○	×	○
	×	

OBX-OXO-BXB

○	○	
	×	×
×	○	

OOB-BXX-XOB

×		○
○	×	○
	×	

XBO-OXO-BXB

×	○	
	×	×
○	○	

XOB-BXX-OOB

X plays next

×	○	×
	×	×
○	○	

XOX-BXX-OOB

×	○	
×	×	×
○	○	

XOB-XXX-OOB

×	○	
	×	×
○	○	×

XOB-BXX-OOX

Strategy #1: Win

	○	×
×	×	
○		○

BOX-XXB-OBO

	×	○
○	×	
×		○

BXO-OXB-XBO

○		○
	×	×
×	○	

OBO-BXX-XOB

○		○
×	×	
	○	×

OBO-XXB-BOX

○		×
	×	○
○	×	

OBX-BXO-OXB

○	×	
	×	○
○		×

OXB-BXO-OBX

×		○
○	×	
	×	○

XBO-OXB-BXO

×	○	
	×	×
○		○

XOB-BXX-OBO

X plays next

×	○	×
	×	×
○		○

XOX-BXX-OBO

×	○	
×	×	×
○		○

XOB-XXX-OBO

×	○	
	×	×
○	×	○

XOB-BXX-OXO

Strategy #1: Win

		○
○	×	×
×		○

BBO-OXX-XBO

	○	×
	×	
○	×	○

BOX-BXB-OXO

○		
×	×	○
○		×

OBB-XXO-OBX

○		×
×	×	○
○		

OBX-XXO-OBX

○	×	○
	×	
	○	×

OXO-BXB-BOX

○	×	○
	×	
×	○	

OXO-BXB-XOB

×		○
○	×	×
		○

XBO-OXX-BBO

×	○	
	×	
○	×	○

XOB-BXB-OXO

X plays next

×	○	×
	×	
○	×	○

XOX-BXB-OXO

×	○	
×	×	
○	×	○

XOB-XXB-OXO

×	○	
	×	×
○	×	○

XOB-BXX-OXO

Strategy #7: Play in any empty corner

		X
O	X	O
O	X	

BBX-OXO-OXB

	O	O
	X	X
X	O	

BOO-BXX-XOB

	O	X
X	X	
O	O	

BOX-XXB-OOB

	X	O
O	X	O
X		

BXO-OXO-XBB

O	O	
X	X	
	O	X

OOB-XXB-BOX

O	X	
O	X	O
		X

OXB-OXO-BBX

X		
O	X	O
	X	O

XBB-OXO-BXO

X	O	
	X	X
	O	O

XOB-BXX-BOO

X plays next

X	O	X
	X	X
	O	O

XOX-BXX-BOO

X	O	
X	X	X
	O	O

XOB-XXX-BOO

X	O	
	X	X
X	O	O

XOB-BXX-XOO

Strategy #1: Win

BBX-XOB-OOX

		X
X	O	
O	O	X

BBX-XOB-OOX

	X	O
	O	O
X		X

BXO-BOO-XBX

O	O	X
X	O	
		X

OOX-XOB-BBX

O	X	
O	O	
X		X

OXB-OOB-XBX

X		
	O	X
X	O	O

XBB-BOX-XOO

X		X
	O	O
	X	O

XBX-BOO-BXO

X		X
O	O	
O	X	

XBX-OOB-OXB

X	O	O
	O	X
X		

XOO-BOX-XBB

X plays next

X	O	O
X	O	X
X		

XOO-XOX-XBB

X	O	O
	O	X
X	X	

XOO-BOX-XXB

X	O	O
	O	X
X		X

XOO-BOX-XBX

Strategy #1: Win

	○	×
×		
○	○	×

BOX-XBB-OOX

	×	○
○		○
×		×

BXO-OBO-XXB

○	○	×
×		
	○	×

OOX-XBB-BOX

○	×	
○		○
×		×

OXB-OBO-XXB

×		×
○		○
	×	○

XBX-OBO-BXO

×		×
○		○
○	×	

XXB-OBO-XXB

×	○	
		×
×	○	○

XOB-BBX-XOO

×	○	○
		×
×	○	

XOO-BBX-XOB

X plays next

×	○	○
×		×
×	○	

XOO-XXB-XOB

×	○	○
	×	×
×	○	

XOO-BXX-XOB

×	○	○
		×
×	○	×

XOO-BBX-XOX

Strategy #1: Win

OBX-XBB-OOX

○		×
×		
○	○	×

OBX-XBB-OOX

○	○	×
×		
○		×

OOX-XBB-OBX

○	×	○
		○
×		×

OXO-BBO-XXB

○	×	○
○		
×		×

OXO-OBX-XXB

×		○
		×
×	○	○

XBO-BBX-XOO

×		×
		○
○	×	○

XXB-BBO-XXO

×		×
○		
○	×	○

XXB-OBX-XXO

×	○	○
		×
×		○

XOO-BBX-XBO

X plays next

×	○	○
×		×
×		○

XOO-XXB-XBO

×	○	○
	×	×
×		○

XOO-BXX-XBO

×	○	○
		×
×	×	○

XOO-BBX-XXO

Strategy #1: Win

BOX-XBO-BXO

	○	×
×		○
	×	○

BOX-XBO-BXO

	×	
○		×
×	○	○

BXB-OBX-XOO

	×	
×		○
○	○	×

BXB-XBO-OOX

	×	○
×		○
	○	×

BXO-XBO-BOX

○	○	×
×		○
	×	

OOX-XBO-BXB

○	×	
○		×
×	○	

OXB-OBX-XOB

×	○	
○		×
○	×	

XOB-OBX-OXB

×	○	○
○		×
	×	

XOO-OBX-BXB

X plays next

×	○	○
○	×	×
	×	

XOO-OXX-BXB

×	○	○
○		×
×	×	

XOO-OBX-XXB

×	○	○
○		×
	×	×

XOO-OBX-BXX

Strategy #3: Fork the game

		X
X	O	O
	X	O

BBX-XOO-BXO

	X	
	O	X
X	O	O

BXB-BOX-XOO

	X	
X	O	
O	O	X

BXB-XOB-OOX

	X	O
X	O	O
		X

BXO-XOO-BBX

O	O	X
X	O	
	X	

OOX-XOB-BXB

O	X	
O	O	X
X		

OXB-OOX-XBB

X		
O	O	X
O	X	

XBB-OOX-AXB

X	O	O
	O	X
	X	

XOO-BOX-BXB

X plays next

X	O	O
X	O	X
	X	

XOO-XOX-BXB

X	O	O
	O	X
X	X	

XOO-BOX-XXB

X	O	O
	O	X
	X	X

XOO-BOX-BXX

Strategy #2: Block

BXO-XBB-OOX

	X	O
X		
O	O	X

BXO-XBB-OOX

	X	O
X		O
O		X

BXO-XBO-OBX

O		X
X		O
	X	O

OBX-XBO-BXO

O	O	X
X		
	X	O

OOX-XBB-BXO

O	X	
		X
X	O	O

OXB-BBX-XOO

O	X	
O		X
X		O

OXB-OBX-XBO

X		O
O		X
O	X	

XBO-OBX-OXB

X	O	O
		X
O	X	

XOO-BBX-OXB

X plays next

X	O	O
X		X
O	X	

XOO-**XB**X-OXB

X	O	O
	X	X
O	X	

XOO-B**XX**-OXB

X	O	O
		X
O	X	X

XOO-BBX-**OXX**

Strategy #2: Block

		X
X		O
O	X	O

BBX-XBO-OXO

	X	O
		X
X	O	O

BXO-BBX-XOO

O	O	X
X		
O	X	

OOX-XBB-OBX

O	X	
X		
O	O	X

OXB-XBB-OOX

O	X	O
O		X
X		

OXO-OBX-XBB

O	X	O
X		O
		X

OXO-XBO-BBX

X		
O		X
O	X	O

XBB-OBX-OXO

X	O	O
		X
	X	O

XOO-BBX-BXO

X plays next

X	O	O
X		X
	X	O

XOO-**XB**X-BXO

X	O	O
	X	X
	X	O

XOO-**BXX**-BXO

X	O	O
		X
X	X	O

XOO-**BBX**-XXO

Strategy #3: Fork the game

		X
O		X
X	O	O

BBX-OBX-XOO

	O	X
		O
X	X	O

BOX-BBO-XXO

O	O	X
X		O
X		

OOX-XBO-XBB

O	X	X
O		
X	O	

OXX-OBX-XOB

X		
X		O
O	O	X

XBB-XBO-OOX

X	O	
O		
O	X	X

XOB-OBX-OXX

X	O	O
O		X
		X

XOO-OBX-BBX

X	X	O
		O
	O	X

XXO-BBO-BOX

X plays next

X	O	O
O	X	X
		X

XOO-OXX-BBX

X	O	O
O		X
X		X

XOO-OBX-XBX

X	O	O
O		X
	X	X

XOO-OBX-BXX

Strategy #1: Win

		X
	O	O
X	X	O

BBX-BOO-XXO

		X
	O	X
X	O	O

BBX-BOX-XOO

O	O	X
X	O	
X		

OOX-XOB-XBB

O	X	X
O	O	
X		

OXX-OOB-XBB

X		
O	O	
O	X	X

XBB-OOB-OXX

X		
X	O	
O	O	X

XBB-XOB-OOX

X	O	O
	O	X
		X

XOO-BOX-BBX

X	X	O
	O	O
		X

XXO-BOO-BBX

X plays next

X	O	O
X	O	X
		X

XOO-XOX-BBX

X	O	O
	O	X
X		X

XOO-BOX-XBX

X	O	O
	O	X
	X	X

XOO-BOX-BXX

Strategy #2: Block

OBX-BBO-XXO

○		×
		○
×	×	○

OBX-BBO-XXO

○		×
		×
×	○	○

OBX-BBX-XOO

○	○	×
×		
×		○

OOX-XBB-XBO

○	×	×
○		
×		○

OXX-OBX-XBO

×		○
○		
○	×	×

XBO-OBX-OXX

×		○
×		
○	○	×

XBO-XBB-OOX

×	○	○
		×
○		×

XOO-BBX-OBX

×	×	○
		○
○		×

XXO-BBO-OBX

X plays next

×	○	○
×		×
○		×

XOO-XBX-OBX

×	○	○
	×	×
○		×

XOO-BXX-OBX

×	○	○
		×
○	×	×

XOO-BBX-OXX

Strategy #1: Win

BOX-XOO-BXB

	○	×
×	○	○
	×	

BOX-XOO-BXB

	×	
○	○	×
×	○	

BXB-OOX-XOB

	×	
×	○	○
	○	×

BXB-XOO-BOX

×	○	
○	○	×
	×	

XOB-OOX-BXB

X plays next

×	○	×
○	○	×
	×	

XOX-OOX-BXB

×	○	
○	○	×
×	×	

XOB-OOX-XXB

×	○	
○	○	×
	×	×

XOB-OOX-BXX

Strategy #3: Fork the game

	○	×
×		○
○	×	

BOX-XBO-OXB

	×	○
○		×
×	○	

BXO-OBX-XOB

○	×	
×		○
	○	×

OXB-XBO-BOX

×	○	
○		×
	×	○

XOB-OBX-BXO

X plays next

×	○	×
○		×
	×	○

XOX-OBX-BXO

×	○	
○	×	×
	×	○

XOB-OXX-BXO

×	○	
○		×
×	×	○

XOB-OBX-XXO

Strategy #5: Play in the center

		X
O	O	X
X	O	

BBX-OOX-XOB

	O	X
	O	O
X	X	

BOX-BOO-XXB

	O	X
X	O	O
X		

BOX-XOO-XBB

	X	X
O	O	
X	O	

BXX-OOB-XOB

X		
X	O	O
	O	X

XBB-XOO-BOX

X	O	
O	O	
	X	X

XOB-OOB-BXX

X	O	
O	O	X
		X

XOB-OOX-BBX

X	X	
	O	O
	O	X

XXB-BOO-BOX

X plays next

X	O	X
O	O	X
		X

XOX-OOX-BBX

X	O	
O	O	X
X		X

XOB-OOX-XBX

X	O	
O	O	X
	X	X

XOB-OOX-BXX

Strategy #1: Win

	○	×
×		○
×		○

BOX-XBO-XBO

	×	×
○		
×	○	○

BXX-OBX-XOO

○		×
○		×
×	○	

OBX-OBX-XOB

○	○	×
		○
×	×	

OOX-BBO-XXB

×		○
×		○
	○	×

XBO-XBO-BOX

×	○	
○		×
○		×

XOB-OBX-OBX

×	○	○
○		
	×	×

XOO-OBX-BXX

×	×	
		○
○	○	×

XXB-BBO-OOX

X plays next

×	○	×
○		×
○		×

XOX-OBX-OBX

×	○	
○	×	×
○		×

XOB-OXX-OBX

×	○	
○		×
○	×	×

XOB-OBX-OXX

Strategy #1: Win

	○	×
×	○	
○		×

BOX-XOB-OBX

	×	○
○	○	
×		×

BXO-OOB-XBX

○		×
×	○	
	○	×

OBX-XOB-BOX

○	×	
	○	○
×		×

OXB-BOO-XBX

×		○
	○	×
×	○	

XBO-BOX-XOB

×		×
	○	○
○	×	

XBX-BOO-OXB

×		×
○	○	
	×	○

XBX-OOB-BXO

×	○	
	○	×
×		○

XOB-BOX-XBO

X plays next

×	○	×
	○	×
×		○

XOX-BOX-XBO

×	○	
×	○	×
×		○

XOB-XOX-XBO

×	○	
	○	×
×	×	○

XOB-BOX-XXO

Strategy #1: Win

BOX-XOB-BXO

	○	×
×	○	
	×	○

BOX-XOB-BXO

	×	
○	○	×
×		○

BXB-OOX-XBO

	×	
×	○	○
○		×

BXB-XOO-OBX

	×	○
×	○	
	○	×

BXO-XOB-BOX

○		×
×	○	○
	×	

OBX-XOO-BXB

○	×	
	○	×
×	○	

OXB-BOX-XOB

×		○
○	○	×
	×	

XBO-OOX-BXB

×	○	
	○	×
○	×	

XOB-BOX-OXB

X plays next

×	○	×
	○	×
○	×	

XOX-BOX-OXB

×	○	
×	○	×
○	×	

XOB-XOX-OXB

×	○	
	○	×
○	×	×

XOB-BOX-OXX

Strategy #2: Block

		X
X	O	O
O	X	

BBX-XOO-OXB

	O	X
X	O	
O	X	

BOX-XOB-OXB

	X	O
	O	X
X	O	

BXO-BOX-XOB

	X	O
O	O	X
X		

BXO-OOX-XBB

O	X	
X	O	
	O	X

OXB-XOB-BOX

O	X	
X	O	O
		X

OXB-XOO-BBX

X		
O	O	X
	X	O

XBB-OOX-BXO

X	O	
	O	X
	X	O

XOB-BOX-BXO

X plays next

X	O	X
	O	X
	X	O

XOX-BOX-BXO

X	O	
X	O	X
	X	O

XOB-XOX-BXO

X	O	
	O	X
X	X	O

XOB-BOX-XXO

Strategy #7: Play in any empty corner

BOX-XOB-XBO

	○	×
×	○	
×		○

BOX-XOB-XBO

	×	×
○	○	
×		○

BXX-OOB-XBO

○		×
	○	○
×	×	

OBX-BOO-XXB

○		×
	○	×
×	○	

OBX-BOX-XOB

×		○
○	○	
	×	×

XBO-OOB-BXX

×		○
×	○	
	○	×

XBO-XOB-BOX

×	○	
	○	×
○		×

XOB-BOX-OBX

×	×	
	○	○
○		×

XXB-BOO-OBX

X plays next

×	○	×
	○	×
○		×

XOX-BOX-OBX

×	○	
×	○	×
○		×

XOB-XOX-OBX

×	○	
	○	×
○	×	×

XOB-BOX-OXX

Strategy #1: Win

	○	×
×		
○	×	○

BOX-XBB-OXO

	×	○
○		×
×		○

BXO-OBX-XBO

○		×
×		○
○	×	

OBX-XBO-OBX

○	×	
×		○
○		×

OXB-XBO-OBX

○	×	○
		×
×	○	

OXO-BBX-XOB

○	×	○
×		
	○	×

OXO-XBB-BOX

×		○
○		×
	×	○

XBO-OBX-BXO

×	○	
		×
○	×	○

XOB-BBX-OXO

X plays next

×	○	×
		×
○	×	○

XOX-BBX-OXO

×	○	
×		×
○	×	○

XOB-XBX-OXO

×	○	
	×	×
○	×	○

XOB-BXX-OXO

Strategy #5: Play in the center

		○
×	○	○
×		×

BBO-XOO-XBX

	×	×
	○	
○	○	×

BXX-BOB-OOX

○		
○	○	×
×		×

OBB-OOX-XBX

○	○	×
	○	
	×	×

OOX-BOB-BXX

×		×
○	○	×
○		

XBX-OOX-OB

×		×
×	○	○
		○

XBX-XOO-BBO

×	○	○
	○	
×	×	

XOO-BOB-XXB

×	×	
	○	
×	○	○

XXB-BOB-XOO

X plays next

×	○	○
×	○	
×	×	

XOO-XOB-XXB

×	○	○
	○	×
×	×	

XOO-BOX-XXB

×	○	○
	○	
×	×	×

XOO-BOB-XXX

Strategy #1: Win

	○	○
×		○
×		×

BOO-XBO-XBX

	×	×
○		
○	○	×

BXX-OBB-OOX

○	○	
○		×
×		×

OOB-OBX-XBX

○	○	×
○		
	×	×

OOX-OBB-BXX

×		×
○		×
○	○	

XBX-OBX-OOB

×		×
×		○
	○	○

XBX-XBO-BOO

×	○	○
		○
×	×	

XOO-BBO-XXB

×	×	
		○
×	○	○

XXB-BBO-XOO

X plays next

×	○	○
×		○
×	×	

XOO-XBO-XXB

×	○	○
	×	○
×	×	

XOO-BXO-XXB

×	○	○
		○
×	×	×

XOO-BBO-XXX

Strategy #1: Win

○		○
○		×
×		×

OBO-OBX-XBX

○		○
×		○
×		×

OBO-XBO-XBX

○	○	×
○	×	×

OOX-BBB-OXX

○	×	×
○	○	×

OXX-BBB-OOX

×		×
○		×
○		○

XBX-OBX-OBO

×		×
×		○
○		○

XBX-XBO-OBO

×	○	○
×	×	○

XOO-BBB-XXO

×	×	○
×	○	○

XXO-BBB-XOO

X plays next

×	○	○
×		
×	×	○

XOO-XBB-XXO

×	○	○
	×	
×	×	○

XOO-BXB-XXO

×	○	○
		×
×	×	○

XOO-BBX-XXO

Strategy #1: Win

○		×
○	○	
×		×

OBX-OOB-XBX

○	○	×
	○	
×		×

OOX-BOB-XBX

×		○
	○	○
×		×

XBO-BOO-XBX

×		×
	○	
○	○	×

XBX-BOB-OOX

×		×
	○	
×	○	○

XBX-BOB-XOO

×		×
	○	○
×		○

XBX-BOO-XBO

×		×
○	○	
○		×

XBX-OOB-OBX

×	○	○
	○	
×		×

XOO-BOB-XBX

X plays next

×	○	○
×	○	
×		×

XOO-XOB-XBX

×	○	○
	○	×
×		×

XOO-BOX-XBX

×	○	○
	○	
×	×	×

XOO-BOB-XXX

Strategy #1: Win

OOX-OBX-XBX

○	○	×
○		
×		×

OOX-OBX-XBX

×		×
		○
×	○	○

OBX-BBO-XOO

×		×
○		
○	○	×

OBX-OBX-OOX

×	○	○
		○
×		×

XOO-BBO-XBX

X plays next

×	○	○
×		○
×		×

XOO-XBO-XBX

×	○	○
	×	○
×		×

XOO-BXO-XBX

×	○	○
		○
×	×	×

XOO-BBO-XXX

Strategy #1: Win

	○	
○	○	×
×		×

BOB-OOX-XBX

	○	
×	○	○
×		×

BOB-XOO-XBX

	○	×
○	○	
	×	×

BOX-OOB-BXX

	×	×
○	○	
	○	×

BXX-OOB-BOX

×		×
○	○	×
	○	

XBX-OOX-BOB

×		×
×	○	○
	○	

XBX-XOO-BOB

×	○	
	○	○
×	×	

XOB-BOO-XXB

×	×	
	○	○
×	○	

XXB-BOO-XOB

X plays next

×	○	×
	○	○
×	×	

XOX-BOO-XXB

×	○	
×	○	○
×	×	

XOB-XOO-XXB

×	○	
	○	○
×	×	×

XOB-BOO-XXX

Strategy #1: Win

		○
○	○	×
×		×

BBO-OOX-XBX

	○	×
	○	
○	×	×

BOX-BOB-OXX

○		
×	○	○
×		×

OBB-XOO-XBX

○	×	×
	○	
	○	×

OXX-BOB-BOX

×		×
○	○	×
		○

XBX-OOX-BBO

×		×
×	○	○
○		

XBX-XOO-OB

×	○	
	○	
×	×	○

XOB-BOB-XXO

×	×	○
	○	
×	○	

XXO-BOB-XOB

X plays next

×	○	×
	○	
×	×	○

XOX-BOB-XXO

×	○	
×	○	
×	×	○

XOB-XOB-XXO

×	○	
	○	×
×	×	○

XOB-BOX-XXO

Strategy #1: Win

BOX-OOB-XBX

	○	×
○	○	
×		×

BOX-OOB-XBX

×		×
	○	○
×	○	

XBX-BOO-XOB

×		×
○	○	
	○	×

XBX-OOB-BOX

×	○	
	○	○
×		×

XOB-BOO-XBX

X plays next

×	○	×
	○	○
×		×

XOX-BOO-XBX

×	○	
×	○	○
×		×

XOB-XOO-XBX

×	○	
	○	○
×	×	×

XOB-BOO-XXX

Strategy #1: Win

	○	○
○		×
×		×

BOO-OBX-XXB

	○	×
○		
○	×	×

BOX-OBX-XXB

○	○	
×		○
×		×

OOB-XBO-XXB

○	×	×
○		
	○	×

OXX-OBX-XXB

×		×
○		×
	○	○

XXB-OBX-BOO

×		×
×		○
○	○	

XXB-XBO-BOO

×	○	
		○
×	×	○

OOB-BBO-XXO

×	×	○
		○
×	○	

XXO-BBO-XXB

X plays next

×	○	×
		○
×	×	○

XXB-BBO-XXO

×	○	
×		○
×	×	○

OOB-XBO-XXO

×	○	
	×	○
×	×	○

OOB-BBO-XXO

Strategy #1: Win

		X
X	O	O
X		O

BBX-XOO-XBO

	X	X
	O	
X	O	O

BXX-BOB-XOO

O		X
O	O	X
X		

OBX-OOX-XBB

O	O	X
	O	
X	X	

OOX-BOB-XXB

X		
O	O	X
O		X

XBB-OOX-OBX

X		O
X	O	O
		X

XBO-XOO-BBX

X	O	O
	O	
	X	X

XOO-BOB-BXX

X	X	
	O	
O	O	X

XXB-BOB-OOX

X plays next

X	O	O
X	O	
	X	X

XOO-XOB-BXX

X	O	O
	O	X
	X	X

XOO-BOX-BXX

X	O	O
	O	
X	X	X

XOO-BOB-XXX

Strategy #1: Win

○		×
○		×
×		○

OBX-OBX-XBO

○		×
×		○
×		○

OBX-XBO-XBO

○	○	×
×	×	○

OOX-BBB-XXO

○	×	×
×	○	○

OXX-BBB-XOO

×		○
○		×
○		×

XBO-OBX-OBX

×		○
×		○
○		×

XBO-XBO-OBX

×	○	○
○	×	×

XOO-BBB-OXX

×	×	○
○	○	×

XXO-BBB-OOX

X plays next

×	○	○
×		
○	×	×

XOO-XBB-OXX

×	○	○
	×	
○	×	×

XOO-BXB-OXX

×	○	○
		×
○	×	×

XOO-BBX-OXX

Strategy #1: Win

		X
O	O	X
X		O

BBX-OOX-XBO

	O	X
	O	
X	X	O

BOX-BOB-XXO

O		X
X	O	O
X		

OBX-XOO-XBB

O	X	X
	O	
X	O	

OXX-BOB-XOB

X		
X	O	O
O		X

XBB-XOO-OBX

X		O
O	O	X
		X

XBO-OOX-BBX

X	O	
	O	
O	X	X

XOB-BOB-OXX

X	X	O
	O	
	O	X

XXO-BOB-BOX

X plays next

X	O	X
	O	
O	X	X

XOX-BOB-OXX

X	O	
X	O	
O	X	X

XOB-XOB-OXX

X	O	
	O	X
O	X	X

XOB-BOX-OXX

Strategy #2: Block

BBB-OOX-OXX

○	○	×
○	×	×

BBB-OOX-OXX

×	○	○
×	×	○

BBB-XOO-XXO

	○	○
	○	×
	×	×

BOO-BOX-BXX

	×	×
	○	×
	○	○

BXX-BOX-BOO

○	○	
×	○	
×	×	

OOB-XOB-XXB

○	×	×
○	○	×

OXX-OOX-BBB

×	×	
×	○	
○	○	

XXB-XOB-OOB

×	×	○
×	○	○

XXO-XOO-BBB

X plays next

×	×	○
×	○	○
×		

XXO-XOO-XBB

×	×	○
×	○	○
	×	

XXO-XOO-BXB

×	×	○
×	○	○
		×

XXO-XOO-BBX

Strategy #1: Win

		○
○	○	×
	×	×

BBO-OOX-BXX

	○	
	○	×
○	×	×

BOB-BOX-OXX

	○	
×	○	
×	×	○

BOB-XOB-XXO

	×	×
○	○	×
		○

BXX-OOX-BBO

○		
×	○	○
×	×	

OBB-XOO-XXB

○	×	×
	○	×
	○	

OXX-BOX-BOB

×	×	
×	○	○
○		

XXB-XOO-OB

×	×	○
×	○	
	○	

XXO-XOB-BOB

X plays next

×	×	○
×	○	×
	○	

XXO-XOX-BOB

×	×	○
×	○	
×	○	

XXO-XOB-XOB

×	×	○
×	○	
	○	×

XXO-XOB-BOX

Strategy #1: Win

		○
×	○	
×	×	○

BBO-XOB-XXO

	×	×
	○	×
○		○

BXX-BOX-OBO

○		
	○	×
○	×	×

OBB-BOX-OXX

○		○
	○	×
	×	×

OBO-BOX-BXX

○		○
×	○	
×	×	

OBO-XOB-XXB

○	×	×
	○	×
○		

OXX-BOX-OB

×	×	
×	○	
○		○

XXB-XOB-OBO

×	×	○
×	○	
		○

XXO-XOB-BBO

X plays next

×	×	○
×	○	×
		○

XXO-XOX-BBO

×	×	○
×	○	
×		○

XXO-XOB-XBO

×	×	○
×	○	
	×	○

XXO-XOB-BXO

Strategy #1: Win

		X
O	O	X
	X	O

BBX-OOX-BXO

	O	
	O	X
X	X	O

BOB-BOX-XXO

	O	
X	O	
O	X	X

BOB-XOB-OXX

	X	O
O	O	X
		X

BXO-OOX-BBX

O	X	
X	O	O
X		

OXB-XOO-XBB

O	X	X
X	O	
	O	

OXX-XOB-BOB

X		
X	O	O
O	X	

XBB-XOO-OXB

X	X	O
	O	X
	O	

XXO-BOX-BOB

X plays next

X	X	O
X	O	X
	O	

XXO-XOX-BOB

X	X	O
	O	X
X	O	

XXO-BOX-XOB

X	X	O
	O	X
	O	X

XXO-BOX-BOX

Strategy #2: Block

		○
	○	×
×	×	○

BBO-BOX-XXO

		×
	○	×
○	×	○

BBX-BOX-OXO

○		
×	○	
○	×	×

OBB-XOB-OXX

○	×	○
	○	×
		×

OXO-BOX-BBX

○	×	○
×	○	
×		

OXO-XOB-XBB

○	×	×
×	○	
○		

OXX-XOB-OBX

×		
×	○	
○	×	○

XBB-XOB-OXO

×	×	○
	○	×
		○

XXO-BOX-BBO

X plays next

×	×	○
×	○	×
		○

XXO-XOX-BBO

×	×	○
	○	×
×		○

XXO-BOX-XBO

×	×	○
	○	×
	×	○

XXO-BOX-BXO

Strategy #2: Block

BBX-OOB-OXX

		X
O	O	
O	X	X

BBX-OOB-OXX

	O	O
	O	X
X		X

BOO-BOX-XBX

O	O	
X	O	
X		X

OOB-XOB-XBX

O	X	X
O	O	
		X

OXX-OOB-BBX

X		
	O	O
X	X	O

XBB-BOO-XXO

X		X
	O	X
	O	O

XBX-BOX-BOO

X		X
X	O	
O	O	

XBX-XOB-OOB

X	X	O
	O	O
X		

XXO-BOO-XBB

X plays next

X	X	O
X	O	O
X		

XXO-XOO-XBB

X	X	O
	O	O
X	X	

XXO-BOO-XXB

X	X	O
	O	O
X		X

XXO-BOO-XBX

Strategy #1: Win

○		○
	○	×
×		×

OBO-BOX-XBX

○		○
×	○	
×		×

OBO-XOB-XBX

○		×
	○	
○	×	×

OBX-BOB-OXX

○	×	×
	○	
○		×

OXX-BOB-OBX

×		○
	○	
×	×	○

XBO-BOB-XXO

×		×
	○	×
○		○

XBX-BOX-OBO

×		×
×	○	
○		○

XBX-XOB-OBO

×	×	○
	○	
×		○

XXO-BOB-XBO

X plays next

×	×	○
×	○	
×		○

XXO-XOB-XBO

×	×	○
	○	×
×		○

XXO-BOX-XBO

×	×	○
	○	
×	×	○

XXO-BOB-XXO

Strategy #1: Win

		X
X	O	X
	O	O

BBX-XOX-BOO

	O	O
X	O	X
		X

BOO-XOX-BBX

	X	
	O	O
X	X	O

BXB-BOO-XXO

	X	
O	O	
O	X	X

BXB-OOB-OXX

O	O	
X	O	X
X		

OOB-XOX-XBB

O	X	X
O	O	
	X	

OXX-OOB-BXB

X		
X	O	X
O	O	

XBB-XOX-OOB

X	X	O
	O	O
	X	

XXO-BOO-BXB

X plays next

X	X	O
X	O	O
	X	

XXO-XOO-BXB

X	X	O
	O	O
X	X	

XXO-BOO-XXB

X	X	O
	O	O
	X	X

XXO-BOO-BXX

Strategy #2: Block

		X
X	O	X
O		O

BBX-XOX-OBO

	X	O
	O	
X	X	O

BXO-BOB-XXO

O		O
X	O	X
		X

OBO-XOX-BBX

O		O
X	O	X
X		

OBO-XOX-XBB

O	X	
	O	
O	X	X

OXB-BOB-OXX

O	X	X
	O	
O	X	

OXX-BOB-OXB

X		
X	O	X
O		O

XBB-XOX-OBO

X	X	O
	O	
	X	O

XXO-BOB-BXO

X plays next

X	X	O
X	O	
	X	O

XXO-XOB-BXO

X	X	O
	O	X
	X	O

XXO-BOX-BXO

X	X	O
	O	
X	X	O

XXO-BOB-XXO

Strategy #2: Block

		○
○		×
○	×	×

BBO-OBX-OXX

	○	○
		×
○	×	×

BOO-BBX-OXX

○		
×		○
×	×	○

OBB-XBO-XXO

○	○	
×		
×	×	○

OOB-XBB-XXO

○	×	×
		×
	○	○

OXX-BBX-BOO

○	×	×
○		×
		○

OXX-OBX-BBO

×	×	○
×		
○	○	

XXO-XBB-OOB

×	×	○
×		○
○		

XXO-XBO-OB

X plays next

×	×	○
×	×	○
○		

XXO-XXO-OB

×	×	○
×		○
○	×	

XXO-XBO-OB

×	×	○
×		○
○		×

XXO-XBO-OB

Strategy #2: Block

	○	
○		×
○	×	×

BOB-OBX-OXX

	○	
×		○
×	×	○

BOB-XBO-XXO

	○	○
○		×
	×	×

BOO-OBX-BXX

	×	×
○		×
	○	○

BXX-OBX-BOO

○	○	
×		○
×	×	

OOB-XBO-XXB

○	×	×
○		×
	○	

OXX-OBX-BOB

×	×	
×		○
○	○	

XXB-XBO-OOB

×	×	○
×		○
	○	

XXO-XBO-BOB

X plays next

×	×	○
×	×	○
	○	

XXO-XXO-BOB

×	×	○
×		○
×	○	

XXO-XBO-XOB

×	×	○
×		○
	○	×

XXO-XBO-BOX

Strategy #1: Win

		○
○	×	
○	×	×

BBO-OXB-OXX

	○	○
	×	×
○		×

BOO-BXX-OBX

○		
	×	○
×	×	○

OBB-BXO-XXO

○		×
	×	×
	○	○

OBX-BXX-BOO

○	○	
×	×	
×		○

OOB-XXB-XBO

○	×	×
○	×	
		○

OXX-OXB-BBO

×		○
×	×	
○	○	

XBO-XXB-OOB

×	×	○
	×	○
○		

XXO-BXO-OBX

X plays next

×	×	○
×	×	○
○		

XXO-XXO-OBX

×	×	○
	×	○
○	×	

XXO-BXO-OXB

×	×	○
	×	○
○		×

XXO-BXO-OBX

Strategy #1: Win

		X
O	X	X
	O	O

BBX-OXX-BOO

	O	
	X	O
X	X	O

BOB-BXO-XXO

	O	
O	X	
O	X	X

BOB-OXB-OXX

	O	O
O	X	X
		X

BOO-OXX-BBX

O	O	
X	X	O
X		

OOB-XXO-XBB

O	X	X
O	X	
	O	

OXX-OXB-BOB

X		
X	X	O
O	O	

XBB-XXO-OOB

X	X	O
	X	O
	O	

XXO-BXO-BOB

X plays next

X	X	O
X	X	O
	O	

XXO-XXO-BOB

X	X	O
	X	O
X	O	

XXO-BXO-XOB

X	X	O
	X	O
	O	X

XXO-BXO-BOX

Strategy #1: Win

	○	○
×		×
○		×

BOO-XBX-OBX

	×	○
○		
○	×	×

BXO-OBX-OXX

○		×
×		×
	○	○

OBX-XBX-BOO

○	○	
×		×
×		○

OOB-XBX-XBO

○	×	
		○
×	×	○

OXB-BBO-XXO

○	×	×
○		
	×	○

OXX-OBX-BXO

×		○
×		×
○	○	

XBO-XBX-OOB

×	×	○
		○
○	×	

XXO-BBO-OXB

X plays next

×	×	○
×		○
○	×	

XXO-XBO-OXB

×	×	○
	×	○
○	×	

XXO-BXO-OXB

×	×	○
		○
○	×	×

XXO-BBO-OXX

Strategy #1: Win

OBO-BBX-OXX

○		○
		×
○	×	×

OBO-BBX-OXX

○		○
×		
×	×	○

OBO-XBB-XXO

○	×	×
		×
○		○

OXX-BBX-OBO

×	×	○
×		
○		○

XXO-XBB-OBO

X plays next

×	×	○
×	×	
○		○

XXO-XXB-OBO

×	×	○
×		×
○		○

XXO-XXB-OBO

×	×	○
×		
○	×	○

XXO-XBB-OXO

Strategy #2: Block

		○
○	×	×
○		×

BBO-OXX-OBX

	○	○
	×	
○	×	×

BOO-BXB-OXX

○		
×	×	○
×		○

OBB-XXO-XBO

○		×
○	×	×
		○

OBX-OXX-BBO

○	○	
	×	
×	×	○

OOB-BXB-XXO

○	×	×
	×	
	○	○

OXX-BXB-BOO

×		○
×	×	○
○		

XBO-XXO-OB

×	×	○
	×	
○	○	

XXO-BXB-OOB

X plays next

×	×	○
×	×	
○	○	

XXO-XXB-OOB

×	×	○
	×	×
○	○	

XXO-BXX-OOB

×	×	○
	×	
○	○	×

XXO-BXB-OOX

Strategy #1: Win

OBO-BXB-OXX

○		○
	×	
○	×	×

OBO-BXB-OXX

○		○
	×	
×	×	○

OBO-BXB-XXO

○		○
	×	×
○		×

OBO-BXX-OBX

○		○
×	×	
×		○

OBO-XXB-XBO

○		×
	×	×
○		○

OBX-BXX-OBO

○	×	×
	×	
○		○

OXX-BXB-OBO

×		○
×	×	
○		○

XBO-XXB-OBO

×	×	○
	×	
○		○

XXO-BXB-OBO

X plays next

×	×	○
×	×	
○		○

XXO-XXB-OBO

×	×	○
	×	×
○		○

XXO-BXX-OBO

×	×	○
	×	
○	×	○

XXO-BXB-OXO

Strategy #1: Win

	○	○
×		
○	×	×

BOO-XBB-OXX

	×	○
○		×
○		×

BXO-OBX-OBX

○		×
○		×
	×	○

OBX-OBX-BXO

○	○	
		×
×	×	○

OOB-BBX-XXO

○	×	
×		○
×		○

OXB-XBO-XBO

○	×	×
×		
	○	○

OXX-XBB-BOO

×		○
×		○
○	×	

XBO-XBO-OXB

×	×	○
		×
○	○	

XXO-BBX-OOB

X plays next

×	×	○
×		×
○	○	

XXO-XBX-OOB

×	×	○
	×	×
○	○	

XXO-BXX-OOB

×	×	○
		×
○	○	×

XXO-BBX-OOX

Strategy #2: Block

OBO-BBX-XXO

○		○
		×
×	×	○

OBO-BBX-XXO

○		○
×		
○	×	×

OBO-XBB-OXX

○		×
		×
○	×	○

OBX-BBX-OXO

○	×	○
		×
○		×

OXO-BBX-OBX

○	×	○
×		
×		○

OXO-XBB-XBO

○	×	×
×		
○		○

OXX-XBB-OBO

×		○
×		
○	×	○

XBO-XBB-OXO

×	×	○
		×
○		○

XXO-BBX-OBO

X plays next

×	×	○
×		×
○		○

XXO-XBX-OBO

×	×	○
	×	×
○		○

XXO-BXX-OBO

×	×	○
		×
○	×	○

XXO-BBX-OXO

Strategy #2: Block

OBO-XBX-OBX

○		○
×		×
○		×

OBO-XBX-OBX

○		○
×		×
×		○

OBO-XBX-XBO

○		×
×		×
○		○

OBX-XBX-OBO

○	×	○
○	×	×

OXO-BBB-OXX

○	×	○
×	×	○

OXO-BBB-XXO

○	×	×
○	×	○

OXX-BBB-OXO

×		○
×		×
○		○

XBO-XBX-OBO

×	×	○
○	×	○

XXO-BBB-OXO

X plays next

×	×	○
×		
○	×	○

XXO-XBB-OXO

×	×	○
	×	
○	×	○

XXO-BXB-OXO

×	×	○
		×
○	×	○

XXO-BBX-OXO

Strategy #1: Win

BOO-XBB-XXO

	○	○
×		
×	×	○

BOO-XBB-XXO

	×	×
○		×
○		○

BXX-OBX-OBO

○		○
○		×
	×	×

OBO-OBX-BXX

○		○
×		○
×	×	

OBO-XBO-XXB

○	○	
		×
○	×	×

OOB-BBX-OXX

○	×	×
		×
○	○	

OXX-BBX-OOB

×	×	
×		○
○		○

XXB-XBO-OBO

×	×	○
×		
	○	○

XXO-XBB-BOO

X plays next

×	×	○
×	×	
	○	○

XXO-XXB-BOO

×	×	○
×		×
	○	○

XXO-XXB-BOO

×	×	○
×		
×	○	○

XXO-XBB-XOO

Strategy #1: Win

		X
O	X	X
O		O

BBX-OXX-OBO

	O	O
	X	
X	X	O

BOO-BXB-XXO

O		O
O	X	X
		X

OBO-OXX-BBX

O		O
X	X	O
X		

OBO-XXO-XBB

O	O	
	X	
O	X	X

OOB-BXB-OXX

O	X	X
	X	
O	O	

OXX-BXB-OOB

X		
X	X	O
O		O

XBB-XXO-OBO

X	X	O
	X	
	O	O

XXO-BXB-BOO

X plays next

X	X	O
X	X	
	O	O

XXO-XXB-BOO

X	X	O
	X	X
	O	O

XXO-BXX-BOO

X	X	O
	X	
X	O	O

XXO-BXB-XOO

Strategy #2: Block

		X
O		X
O	X	O

BBX-OBX-OXO

	O	O
		X
X	X	O

BOO-BBX-XXO

O	O	
X		
O	X	X

OOB-XBB-OXX

O	X	O
O		X
		X

OXO-OBX-BBX

O	X	O
X		O
X		

OXO-XBO-XBB

O	X	X
X		
O	O	

OXX-XBB-OOB

X		
X		O
O	X	O

XBB-XBO-OXO

X	X	O
		X
	O	O

XXO-BBX-BOO

X plays next

X	X	O
X		X
	O	O

XXO-XBX-BOO

X	X	O
	X	X
	O	O

XXO-BXX-BOO

X	X	O
		X
X	O	O

XXO-BBX-XOO

Strategy #2: Block

	○	
×	○	×
○		×

BOB-XOX-OBX

	○	
×	○	×
×		○

BOB-XOX-XBO

	×	○
○	○	
	×	×

BXO-OOB-BXX

	×	×
○	○	
	×	○

BXX-OOB-BXO

○		×
×	○	×
	○	

OBX-XOX-BOB

○	×	
	○	○
×	×	

OXB-BOO-XXB

×		○
×	○	×
	○	

XBO-XOX-BOB

×	×	
	○	○
○	×	

XXB-BOO-OXB

X plays next

×	×	○
×	○	×
	○	

XXO-XOX-BOB

×		○
×	○	×
×	○	

XBO-XOX-XOB

×		○
×	○	×
	○	×

XBO-XOX-BOX

Strategy #1: Win

		○
×	○	×
×		○

BBO-XOX-XBO

	×	×
	○	
○	×	○

BXX-BOB-OXO

○		
×	○	×
○		×

OBB-XOX-OBX

○		×
×	○	×
○		

OBX-XOX-OBX

○	×	○
	○	
	×	×

OXO-BOB-BXX

○	×	○
	○	
×	×	

OXO-BOB-XXB

×		○
×	○	×
		○

XBO-XOX-BBO

×	×	
	○	
○	×	○

XXB-BOB-OXO

X plays next

×	×	○
×	○	×
		○

XXO-XOX-BBO

×		○
×	○	×
×		○

XBO-XOX-XBO

×		○
×	○	×
	×	○

XBO-XOX-BXO

Strategy #1: Win

	○	○
×	○	
	×	×

BOO-XOB-BXX

	×	
○	○	×
○		×

BXB-OOX-OBX

	×	
×	○	○
×		○

BXB-XOO-XBO

	×	×
×	○	
	○	○

BXX-XOB-BOO

○		×
○	○	×
	×	

OBX-OOX-BXB

○	○	
	○	×
×	×	

OOB-BOX-XXB

×		○
×	○	○
	×	

XBO-XOO-BXB

×	×	
	○	×
○	○	

XXB-BOX-OOB

X plays next

×	×	○
×	○	○
	×	

XXO-XOO-BXB

×		○
×	○	○
×	×	

XBO-XOO-XXB

×		○
×	○	○
	×	×

XBO-XOO-BXX

Strategy #1: Win

BXO-XOB-XBO

	X	O
X	O	
X		O

BXO-XOB-XBO

	X	X
X	O	
O		O

BXX-XOB-OBO

O		O
	O	X
X	X	

OBO-BOX-XXB

O		O
X	O	
	X	X

OBO-XOB-BXX

O		X
	O	X
O	X	

OBX-BOX-OXB

O	X	
	O	X
O		X

OXB-BOX-OBX

X		O
X	O	
	X	O

XBO-XOB-BXO

X	X	
	O	X
O		O

XXB-BOX-OBO

X plays next

X	X	O
X	O	
	X	O

XXO-XOB-BXO

X		O
X	O	X
	X	O

XBO-XOX-BXO

X		O
X	O	
X	X	O

XBO-XOB-XXO

Strategy #1: Win

	○	
○	×	×
○		×

BOB-OXX-OBX

	○	
×	×	○
×		○

BOB-XXO-XBO

	○	○
○	×	
	×	×

BOO-OXB-BXX

	×	×
○	×	
	○	○

BXX-OXB-BOO

○		×
○	×	×
	○	

OBX-OXX-BOB

○	○	
	×	○
×	×	

OOB-BXO-XXB

×		○
×	×	○
	○	

XBO-XXO-BOB

×	×	
	×	○
○	○	

XXB-BXO-OOB

X plays next

×	×	○
×	×	○
	○	

XXO-XXO-BOB

×		○
×	×	○
×	○	

XBO-XXO-XOB

×		○
×	×	○
	○	×

XBO-XXO-BOX

Strategy #1: Win

BOO-XXB-XBO

	○	○
×	×	
×		○

BOO-XXB-XBO

	×	×
○	×	
○		○

BXX-OXB-OBO

○		○
	×	○
×	×	

OBO-BXO-XXB

○		○
○	×	
	×	×

OBO-OXB-BXX

○		×
	×	×
○	○	

OBX-BXX-OOB

○	○	
	×	×
○		×

OOB-BXX-OBX

×		○
×	×	
	○	○

XBO-XXB-BOO

×	×	
	×	○
○		○

XXB-BXO-OBO

X plays next

×	×	○
×	×	
	○	○

XXO-XXB-BOO

×		○
×	×	×
	○	○

XBO-XXX-BOO

×		○
×	×	
×	○	○

XBO-XXB-XOO

Strategy #1: Win

BOO-XBX-XBO

	○	○
×		×
×		○

BOO-XBX-XBO

	×	×
○		
○	×	○

BXX-OBX-OXO

○		×
×		×
○	○	

OBX-XBX-OOB

○	○	
×		×
○		×

OOB-XBX-OBX

○	×	○
		○
×	×	

OXO-BBO-XXB

○	×	○
○		
	×	×

OXO-OBX-BXX

×		○
×		×
	○	○

XBO-XBX-BOO

×	×	
		○
○	×	○

XXB-BBO-OXO

X plays next

×	×	○
×		×
	○	○

XXO-XBX-BOO

×		○
×	×	×
	○	○

XBO-XXX-BOO

×		○
×		×
×	○	○

XBO-XBX-XOO

Strategy #1: Win

BOO-XXB-OBX

	○	○
×	×	
○		×

BOO-XXB-OBX

	×	○
○	×	
○		×

BXO-OXB-OBX

○		×
○	×	
	×	○

OBX-OXB-BXO

○		×
×	×	
	○	○

OBX-XXB-BOO

○	○	
	×	×
×		○

OOB-BXX-XBO

○	×	
	×	○
×		○

OXB-BXO-XBO

×		○
	×	○
○	×	

XBO-BXO-OXB

×		○
	×	×
○	○	

XBO-BXX-OOB

X plays next

×	×	○
	×	○
○	×	

XXO-BXO-OXB

×		○
×	×	○
○	×	

XBO-XXO-OXB

×		○
	×	○
○	×	×

XBO-BXO-OXX

Strategy #1: Win

OBO-BXX-XBO

○		○
	×	×
×		○

OBO-BXX-XBO

○		○
×	×	
○		×

OBO-XXB-OBX

○		×
	×	
○	×	○

OBX-BXB-OXO

○		×
×	×	
○		○

OBX-XXB-OBX

○	×	○
	×	
○		×

OXO-BXB-OBX

○	×	○
	×	
×		○

OXO-BXB-XBO

×		○
	×	
○	×	○

XBO-BXB-OXO

×		○
	×	×
○		○

XBO-BXX-OBX

X plays next

×	×	○
	×	×
○		○

XXO-BXX-OBX

×		○
×	×	×
○		○

XBO-XXX-OBX

×		○
	×	×
○	×	○

XBO-BXX-OXO

Strategy #1: Win

		X
O	X	
O	X	O

BBX-AXB-AXO

	O	O
	X	X
X		O

BOO-BXX-XBO

O		X
X	X	
O	O	

OBX-AXB-OOB

O	O	
X	X	
O		X

OOB-AXB-OBX

O	X	O
	X	O
X		

OXO-BXO-XBB

O	X	O
O	X	
		X

OXO-AXB-BBX

X		
	X	O
O	X	O

XBB-BXO-AXO

X		O
	X	X
	O	O

XBO-BXX-BOO

X plays next

X	X	O
	X	X
	O	O

XXO-BXX-BOO

X		O
X	X	X
	O	O

XBO-XXX-BOO

X		O
	X	X
X	O	O

XBO-BXX-XOO

Strategy #1: Win

OBX-XOB-OBX

○		×
×	○	
○		×

OBX-XOB-OBX

○	×	○
	○	
×		×

OXO-BOB-XBX

×		○
	○	×
×		○

XBO-BOX-XBO

×		×
	○	
○	×	○

OBX-BOB-OBX

X plays next

×	×	○
	○	×
×		○

XXO-BOX-XBO

×		○
×	○	×
×		○

XBO-XOX-XBO

×		○
	○	×
×	×	○

XBO-BOX-XXO

Strategy #1: Win

BBX-XOB-OXO

		X
X	O	
O	X	O

BBX-XOB-OXO

	X	O
	O	X
X		O

BXO-BOX-XBO

O		X
X	O	
O	X	

OBX-XOB-AXB

O	X	
X	O	
O		X

AXB-XOB-AXB

O	X	O
	O	X
X		

OXO-BOX-XBB

O	X	O
X	O	
		X

OXO-XOB-BBX

X		
	O	X
O	X	O

XBB-BOX-OXO

X		O
	O	X
	X	O

XBO-BOX-BXO

X plays next

X	X	O
	O	X
	X	O

XXO-BOX-BXO

X		O
X	O	X
	X	O

XBO-XOX-BXO

X		O
	O	X
X	X	O

XBO-BOX-XXO

Strategy #2: Block

OBX-XBB-OXO

○		×
×		
○	×	○

OBX-XBB-OXO

○	×	○
		×
×		○

OXO-BBX-XBO

○	×	○
×		
○		×

OXO-XBB-OBX

×		○
		×
○	×	○

XBO-BBX-OXO

X plays next

×	×	○
		×
○	×	○

XXO-BBX-OXO

×		○
×		×
○	×	○

XBO-XBX-OXO

×		○
	×	×
○	×	○

XBO-BXX-OXO

Strategy #2: Block

BOO-XOB-XBX

	○	○
×	○	
×		×

BOO-XOB-XBX

	×	×
○	○	
○		×

BXX-OOB-OBX

○		×
○	○	
	×	×

OBX-OOB-BXX

○	○	
	○	×
×		×

OOB-BOX-XBX

×		○
	○	○
×	×	

XBO-BOO-XXB

×		×
	○	×
○	○	

XBX-BOX-OOB

×		×
×	○	
	○	○

XBX-XOB-BOO

×	×	
	○	○
×		○

XXB-BOO-XBO

X plays next

×	×	○
	○	○
×	×	

XXO-BOO-XXB

×		○
×	○	○
×	×	

XBO-XOO-XXB

×		○
	○	○
×	×	×

XBO-BOO-XXX

Strategy #1: Win

BOB-OOX-BXX

	○	
○	○	×
	×	×

BOB-OOX-BXX

	○	
×	○	○
×	×	

BOB-XOO-XXB

	×	×
○	○	×
	○	

BXX-OOX-BOB

×	×	
×	○	○
	○	

XXB-XOO-BOB

X plays next

×	×	×
×	○	○
	○	

XXX-XOO-BOB

×	×	
×	○	○
×	○	

XXB-XOO-XOB

×	×	
×	○	○
	○	×

XXB-XOO-BOX

Strategy #1: Win

BBO-XOO-XXB

		○
×	○	○
×	×	

BBO-XOO-XXB

	○	○
×	○	
×	×	

BOO-XOB-XXB

	×	×
	○	×
○	○	

BXX-BOX-OOB

	×	×
○	○	×
○		

BXX-OOX-OB

○		
○	○	×
	×	×

OBB-OOX-BXX

○	○	
	○	×
	×	×

OOB-BOX-BXX

×	×	
×	○	
	○	○

XXB-XOB-BOO

×	×	
×	○	○
		○

XXB-XOO-BBO

X plays next

×	×	×
×	○	○
		○

XXX-XOO-BBO

×	×	
×	○	○
×		○

XXB-XOO-XBO

×	×	
×	○	○
	×	○

XXB-XOO-BXO

Strategy #1: Win

		X
X	O	X
O	O	

BBX-XOX-OOB

	O	O
X	O	X
X		

BOO-XOX-XBB

	X	O
	O	O
X	X	

BXO-BOO-XXB

	X	X
O	O	
O	X	

BXX-OOB-OXB

O	O	
X	O	X
		X

OOB-XOX-BBX

O	X	
O	O	
	X	X

OXB-OOB-BXX

X		
X	O	X
	O	O

XBB-XOX-BOO

X	X	
	O	O
	X	O

XXB-BOO-BXO

X plays next

X	X	X
	O	O
	X	O

XXX-BOO-BXO

X	X	
X	O	O
	X	O

XXB-XOO-BXO

X	X	
	O	O
X	X	O

XXB-BOO-XXO

Strategy #1: Win

		X
O	O	X
O	X	

BBX-OOX-OXB

	O	O
	O	X
X	X	

BOO-BOX-XXB

	X	O
X	O	O
X		

BXO-XOO-XBB

	X	X
X	O	
O	O	

BXX-XOB-OOB

O	O	
X	O	
	X	X

OOB-XOB-BXX

O	X	
O	O	X
		X

OXB-OOX-BBX

X		
X	O	O
	X	O

XBB-XOO-BXO

X	X	
	O	X
	O	O

XXB-BOX-BOO

X plays next

X	X	X
	O	X
	O	O

XXX-BOX-BOO

X	X	
X	O	X
	O	O

XXB-XOX-BOO

X	X	
	O	X
X	O	O

XXB-BOX-XOO

Strategy #1: Win

BOO-XBO-XXB

	○	○
×		○
×	×	

BOO-XBO-XXB

	×	×
○		×
○	○	

BXX-OBX-OOB

○	○	
○		×
	×	×

OOB-OBX-BXX

×	×	
×		○
	○	○

XXB-XBO-BOO

X plays next

×	×	×
×		○
	○	○

XXX-XBO-BOO

×	×	
×	×	○
	○	○

XXB-XXO-BOO

×	×	
×		○
×	○	○

XXB-XBO-XOO

Strategy #1: Win

		X
O	X	X
O	O	

BBX-OXX-OOB

	O	O
	X	O
X	X	

BOO-BXO-XXB

	O	O
X	X	O
X		

BOO-XXO-XBB

	X	X
O	X	
O	O	

BXX-OXB-OOB

O	O	
O	X	
	X	X

OOB-OXB-BXX

O	O	
O	X	X
		X

OOB-OXX-BBX

X		
X	X	O
	O	O

XBB-XXO-BOO

X	X	
	X	O
	O	O

XXB-BXO-BOO

X plays next

X	X	X
	X	O
	O	O

XXX-BXO-BOO

X	X	
X	X	O
	O	O

XXB-XXO-BOO

X	X	
	X	O
X	O	O

XXB-BXO-XOO

Strategy #1: Win

BBB-OXX-OXO

○	×	×
○	×	○

BBB-OXX-OXO

×	×	○
○	×	○

BBB-XXO-OXO

	○	○
	×	×
	×	○

BOO-BXX-BXO

	×	○
	×	×
	○	○

BXO-BXX-BOO

○	○	
×	×	
○	×	

OOB-XXB-OXB

○	×	
×	×	
○	○	

OXB-XXB-OOB

○	×	○
○	×	×

OXO-OXX-BBB

○	×	○
×	×	○

OXO-XXO-BBB

X plays next

○	×	○
×	×	○
×		

OXO-XXO-XBB

○	×	○
×	×	○
	×	

OXO-XXO-BXB

○	×	○
×	×	○
		×

OXO-XXO-BBX

Strategy #1: Win

BBO-BXX-OXO

		○
	×	×
○	×	○

BBO-BXX-OXO

○		
×	×	
○	×	○

OBB-XXB-OXO

○	×	○
	×	×
		○

OXO-BXX-BBO

○	×	○
×	×	
○		

OXO-XXB-OB

X plays next

○	×	○
×	×	×
○		

OXO-XXX-OB

○	×	○
×	×	
○	×	

OXO-XXB-OB

○	×	○
×	×	
○		×

OXO-XXB-OBX

Strategy #1: Win

		○
○	×	×
	×	○

BBO-OXX-BXO

	○	
	×	×
○	×	○

BOB-BXX-OXO

	○	
×	×	
○	×	○

BOB-XXB-OXO

	×	○
○	×	×
		○

BXO-OXX-BBO

○		
×	×	○
○	×	

OBB-XXO-OXB

○	×	
×	×	○
○		

OXB-XXO-OB

○	×	○
	×	×
	○	

OXO-BXX-BOB

○	×	○
×	×	
	○	

OXO-XXB-BOB

X plays next

○	×	○
×	×	×
	○	

OXO-XXX-BOB

○	×	○
×	×	
×	○	

OXO-XXB-XOB

○	×	○
×	×	
	○	×

OXO-XXB-BOX

Strategy #1: Win

		○
×	×	
○	×	○

BBO-XXB-OXO

	×	○
	×	×
○		○

BXO-BXX-OBO

○		
	×	×
○	×	○

OBB-BXX-OXO

○		○
	×	×
	×	○

OBO-BXX-BXO

○		○
×	×	
○	×	

OBO-XXB-AXB

○	×	
×	×	
○		○

AXB-XXB-OBO

○	×	○
	×	×
○		

OXO-BXX-ABB

○	×	○
×	×	
		○

OXO-XXB-BBO

X plays next

○	×	○
×	×	×
		○

OXO-XXX-BBO

○	×	○
×	×	
×		○

OXO-XXB-XBO

○	×	○
×	×	
	×	○

OXO-XXB-BXO

Strategy #1: Win

BBB-XOX-OXO

X	O	X
O	X	O

BBB-XOX-OXO

	X	O
	O	X
	X	O

BXO-BOX-BXO

O	X	
X	O	
O	X	

OXB-XOB-OXB

O	X	O
X	O	X

OXO-XOX-BBB

X plays next

O	X	O
X	O	X
X		

OXO-XOX-XBB

O	X	O
X	O	X
	X	

OXO-XOX-BXB

O	X	O
X	O	X
		X

OXO-XOX-BBX

Strategy #2: Block

		○
×		×
○	×	○

BBO-XBX-OXO

	×	○
		×
○	×	○

BXO-BBX-OXO

○		
×		×
○	×	○

OBB-XBX-OXO

○	×	
×		
○	×	○

OXB-XBB-OXO

○	×	○
		×
	×	○

OXO-BBX-BXO

○	×	○
×		
○	×	

OXO-XBB-AXB

○	×	○
×		×
		○

OXO-XBX-BBO

○	×	○
×		×
○		

OXO-XBX-OBX

X plays next

○	×	○
×	×	×
○		

OXO-XXX-OBX

○	×	○
×		×
○	×	

OXO-XBX-AXB

○	×	○
×		×
○		×

OXO-XBX-OBX

Strategy #1: Win

BOB-XBX-OXO

	○	
×		×
○	×	○

BOB-XBX-OXO

	×	○
○		×
	×	○

BXO-OBX-BXO

○	×	
×		○
○	×	

OXB-XBO-AXB

○	×	○
×		×
	○	

OXO-XBX-BOB

X plays next

○	×	○
×	×	×
	○	

OXO-XXX-BOB

○	×	○
×		×
×	○	

OXO-XBX-XOB

○	×	○
×		×
	○	×

OXO-XBX-BOX

Strategy #1: Win

		○
×	○	×
	×	○

BBO-XOX-BXO

	×	
	○	×
○	×	○

BXB-BOX-OXO

	×	
×	○	
○	×	○

BXB-XOB-OXO

	×	○
×	○	×
		○

BXO-XOX-BBO

○		
×	○	×
○	×	

OBB-XOX-AXB

○	×	
×	○	×
○		

AXB-XOX-ABB

○	×	○
	○	×
	×	

OXO-BOX-BXB

○	×	○
×	○	
	×	

OXO-XOB-BXB

X plays next

○	×	○
×	○	×
	×	

OXO-XOX-BXB

○	×	○
×	○	
×	×	

OXO-XOB-XXB

○	×	○
×	○	
	×	×

OXO-XOB-BXX

Strategy #2: Block

	○	○
×		×
	×	○

BOO-XBX-BXO

	×	
○		×
○	×	○

BXB-OBX-OXO

	×	
×		○
○	×	○

BXB-XBO-OXO

	×	○
×		×
	○	○

BXO-XBX-BOO

○	○	
×		×
○	×	

OOB-XBX-OBX

○	×	
×		×
○	○	

OXB-XBX-OOB

○	×	○
○		×
	×	

OXO-OBX-BXB

○	×	○
×		○
	×	

OXO-XBO-BXB

X plays next

○	×	○
×	×	○
	×	

OXO-XXO-BXB

○	×	○
×		○
×	×	

OXO-XBO-XXB

○	×	○
×		○
	×	×

OXO-XBO-BXX

Strategy #1: Win

	X	O
X		
O	X	O

BXO-XBB-OXO

	X	O
X		X
O		O

BXO-XBX-OBO

O		O
X		X
	X	O

OBO-XBX-BXO

O		O
X		X
O	X	

OBO-XBX-AXB

O	X	
		X
O	X	O

AXB-BBX-AXO

O	X	
X		X
O		O

AXB-XBX-OBX

O	X	O
		X
O	X	

AXO-BBX-AXB

O	X	O
X		
	X	O

AXO-XBB-BXO

X plays next

O	X	O
X	X	
	X	O

AXO-XXB-BXO

O	X	O
X		X
	X	O

AXO-XBX-BXO

O	X	O
X		
X	X	O

AXO-XBB-XXO

Strategy #1: Win

	○	
×	○	×
	×	○

BOB-XOX-BXO

	○	
×	○	×
○	×	

BOB-XOX-OXB

	×	
○	○	×
	×	○

BXB-OOX-BXO

	×	
×	○	○
○	×	

BXB-XOO-OXB

	×	○
○	○	×
	×	

BXO-OOX-BXB

	×	○
×	○	×
	○	

BXO-XOX-BOB

○	×	
×	○	○
	×	

OXB-XOO-BXB

○	×	
×	○	×
	○	

OXB-XOX-BOB

X plays next

○	×	×
×	○	×
	○	

OXX-XOX-BOB

○	×	
×	○	×
×	○	

OXB-XOX-XOB

○	×	
×	○	×
	○	×

OXB-XOX-BOX

Strategy #2: Block

BOB-OXX-BXO

	○	
○	×	×
	×	○

BOB-OXX-BXO

	○	
×	×	○
○	×	

BOB-XXO-OXB

	×	○
○	×	×
	○	

BXO-OXX-BOB

○	×	
×	×	○
	○	

OXB-XXO-BOB

X plays next

○	×	×
×	×	○
	○	

OXX-XXO-BOB

○	×	
×	×	○
×	○	

OXB-XXO-XOB

○	×	
×	×	○
	○	×

OXB-XXO-BOX

Strategy #7: Play in any empty corner

		○
×	×	○
○	×	

BBO-XXO-AXB

	○	○
×	×	
○	×	

BOO-XXB-AXB

	×	○
	×	×
○	○	

BXO-BXX-OOB

	×	○
○	×	×
○		

BXO-OXX-OBB

○		
○	×	×
	×	○

OBB-OXX-BXO

○	○	
	×	×
	×	○

OOB-BXX-BXO

○	×	
×	×	
	○	○

AXB-XXB-BOO

○	×	
×	×	○
		○

AXB-XXO-BBO

X plays next

○	×	×
×	×	○
		○

OXX-XXO-BBO

○	×	
×	×	○
×		○

AXB-XXO-XBO

○	×	
×	×	○
	×	○

AXB-XXO-BXO

Strategy #1: Win

	○	○
×		×
○	×	

BOO-XBX-OXB

	×	○
○		×
○	×	

BXO-OBX-OXB

	×	○
×		○
○	×	

BXO-XBO-OXB

	×	○
×		×
○	○	

BXO-XBX-OOB

○	○	
×		×
	×	○

OOB-XBX-BXO

○	×	
○		×
	×	○

OXB-OBX-BXO

○	×	
×		○
	×	○

OXB-XBO-BXO

○	×	
×		×
	○	○

OXB-XBX-BOO

X plays next

○	×	×
×		○
	×	○

OXX-XBO-BXO

○	×	
×	×	○
	×	○

OXB-XXO-BXO

○	×	
×		○
×	×	○

OXB-XBO-XXO

Strategy #1: Win

	○	
○	×	×
○	×	

BOB-OXX-OXB

	○	
×	×	○
	×	○

BOB-XXO-BXO

	○	○
○	×	×
	×	

BOO-OXX-BXB

	×	
○	×	×
	○	○

BXB-OXX-BOO

	×	
×	×	○
○	○	

BXB-XXO-OOB

	×	○
×	×	○
	○	

BXO-XXO-BOB

○	○	
×	×	○
	×	

OOB-XXO-BXB

○	×	
○	×	×
	○	

OXB-OXX-BOB

X plays next

○	×	×
○	×	×
	○	

OXX-OXX-BOB

○	×	
○	×	×
×	○	

OXB-OXX-XOB

○	×	
○	×	×
	○	×

OXB-OXX-BOX

Strategy #2: Block

		○
○	×	×
○	×	

BBO-OXX-OXB

	○	○
	×	×
○	×	

BOO-BXX-OXB

	×	○
×	×	
○	○	

BXO-XXB-OOB

	×	○
×	×	○
○		

BXO-XXO-OB

○		
×	×	○
	×	○

OBB-XXO-BXO

○	○	
×	×	
	×	○

OBB-XXB-BXO

○	×	
	×	×
	○	○

OXB-BXX-BOO

○	×	
○	×	×
		○

OXB-OXX-BBO

X plays next

○	×	×
○	×	×
		○

OXX-OXX-BBO

○	×	
○	×	×
×		○

OXB-OXX-XBO

○	×	
○	×	×
	×	○

OXB-OXX-BXO

Strategy #1: Win

	○	○
×	×	
	×	○

BOO-XXB-BXO

	×	
○	×	×
○		○

BXB-OXX-OBO

	×	
×	×	○
○		○

BXB-XXO-OBO

	×	○
×	×	
	○	○

BXO-XXB-BOO

○		○
○	×	×
	×	

OBO-OXX-BXB

○		○
×	×	○
	×	

OBO-XXO-BXB

○	○	
	×	×
○	×	

OOB-BXX-OXB

○	×	
	×	×
○	○	

OXB-BXX-OOB

X plays next

○	×	×
	×	×
○	○	

OXX-BXX-OOB

○	×	
×	×	×
○	○	

OXB-XXX-OOB

○	×	
	×	×
○	○	×

OXB-BXX-OOX

Strategy #1: Win

	X	O
X	X	
O		O

BXO-XXB-OBO

O		O
	X	X
O	X	

OBO-BXX-OXB

O		O
X	X	
	X	O

OBO-XXB-BXO

O	X	
	X	X
O		O

OXB-BXX-OBO

X plays next

O	X	X
	X	X
O		O

OXX-BXX-OBO

O	X	
X	X	X
O		O

OXB-XXX-OBO

O	X	
	X	X
O	X	O

OXB-BXX-OXO

Strategy #1: Win

	○	○
×	○	×
	×	

BOO-XOX-BXB

	×	
○	○	×
○	×	

BXB-OOX-OXB

	×	
×	○	○
	×	○

BXB-XOO-BXO

	×	
×	○	×
	○	○

BXB-XOX-BOO

	×	
×	○	×
○	○	

BXB-XOX-OOB

	×	○
×	○	○
	×	

BXO-XOO-BXB

○	○	
×	○	×
	×	

OOB-XOX-BXB

○	×	
○	○	×
	×	

OXB-OOX-BXB

X plays next

○	×	×
○	○	×
	×	

OXX-OOX-BXB

○	×	
○	○	×
×	×	

OXB-OOX-XXB

○	×	
○	○	×
	×	×

OXB-OOX-BXX

Strategy #2: Block

BXB-XOX-OBO

	X	
X	O	X
O		O

BXB-XOX-OBO

	X	O
X	O	
	X	O

BXO-XOB-BXO

O		O
X	O	X
	X	

OBO-XOX-BXB

O	X	
	O	X
O	X	

OXB-BOX-OXB

X plays next

O	X	X
	O	X
O	X	

OXX-BOX-OXB

O	X	
X	O	X
O	X	

OXB-XOX-OXB

O	X	
	O	X
O	X	X

OXB-BOX-OXX

Strategy #2: Block

	○	○
×	×	○
	×	

BOO-XXO-BXB

	×	
○	×	×
○	○	

BXB-OXX-OOB

	×	
×	×	○
	○	○

BXB-XXO-BOO

○	○	
○	×	×
	×	

OOB-OXX-BXB

X plays next

×	×	
○	×	×
○	○	

XXB-OXX-OOB

	×	×
○	×	×
○	○	

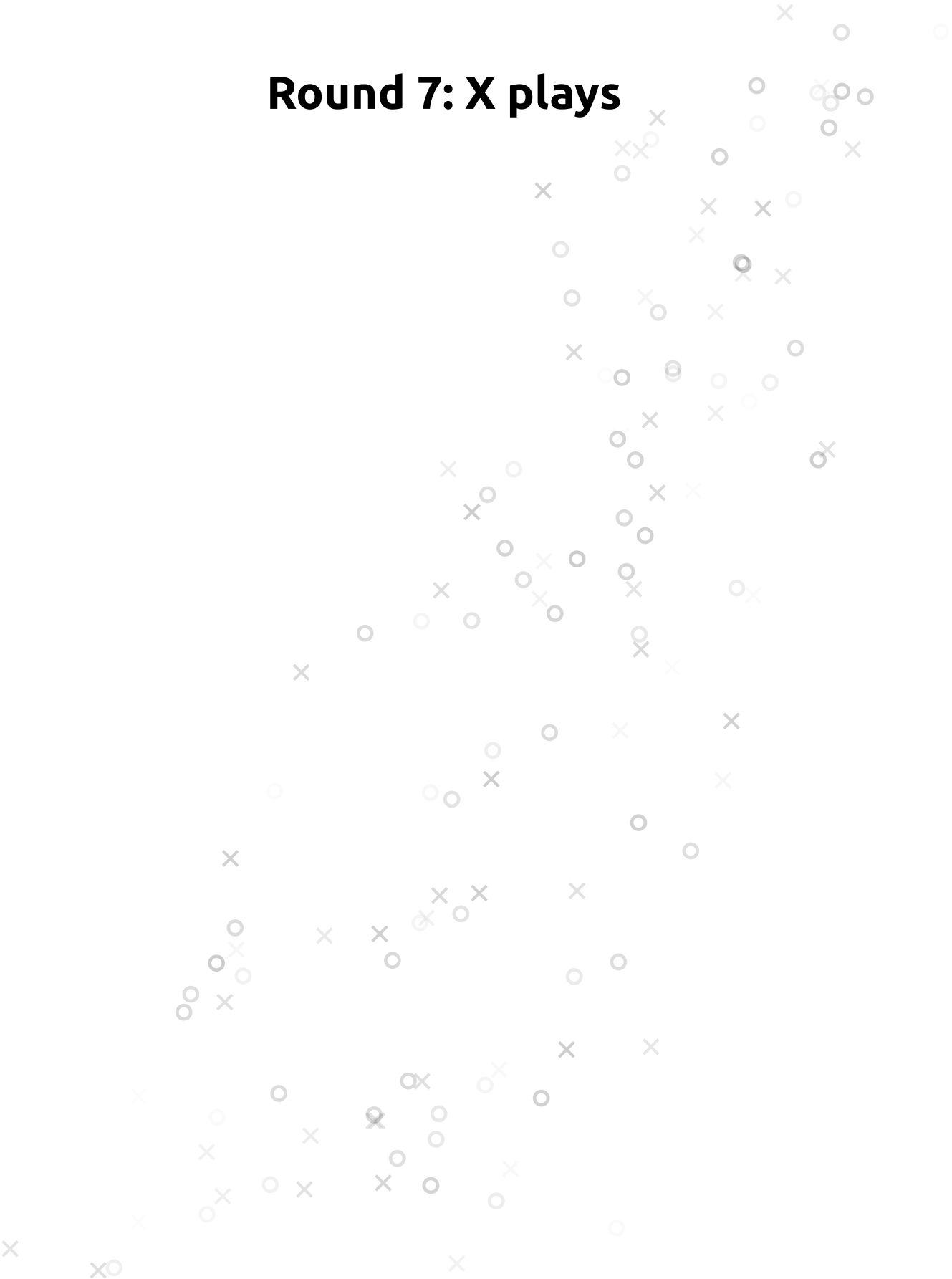
BXX-OXX-OOB

	×	
○	×	×
○	○	×

BXB-OXX-OOX

Strategy #2: Block

Round 7: X plays



BOX-XXO-BOX

	○	×
×	×	○
	○	×

BOX-XXO-BOX

	×	
○	×	○
×	○	×

BXB-OXO-XOX

×	○	
○	×	×
×	○	

XOB-OXX-XOB

×	○	×
○	×	○
	×	

XOX-OXO-BXB

O plays next

×	○	×
○	×	○
○	×	

XOX-OXO-**OXB**

×	○	×
○	×	○
	×	○

XOX-OXO-**BXO**

Strategy #2: Block

		○
×	×	○
×	○	×

BBO-XXO-XOX

	×	×
	×	○
○	○	×

BXX-BXO-OOX

○		
○	×	×
×	○	×

OBB-OXX-XOX

○	○	×
	×	○
	×	×

OOX-BXO-BXX

×	○	○
○	×	
×	×	

XOO-OXB-XXB

×	○	×
○	×	×
○		

XOX-OXX-OB

×	○	×
×	×	○
		○

XOX-XXO-BBO

×	×	
○	×	
×	○	○

XXB-OXB-XOO

O plays next

×	○	×
○	×	×
○	○	

XOX-OXX-OOB

×	○	×
○	×	×
○		○

XOX-OXX-OBO

Strategy #2: Block

		X
X	X	O
O	O	X

BBX-XXO-OOX

	X	O
	X	O
X	O	X

BXO-BXO-XOX

O	O	X
X	X	O
		X

OOX-XXO-BBX

O	X	
O	X	
X	O	X

OXB-AXB-XOX

X		
O	X	X
X	O	O

XBB-OXX-XOO

X	O	O
O	X	X
X		

XOO-OXX-XBB

X	O	X
	X	O
	X	O

XOX-BXO-BXO

X	O	X
O	X	
O	X	

XOX-AXB-AXB

O plays next

X	O	X
O	X	O
O	X	

XOX-OXO-AXB

X	O	X
O	X	
O	X	O

XOX-AXB-OXO

Strategy #2: Block

	O	
O	X	X
X	O	X

BOB-OXX-XOX

	O	
X	X	O
X	O	X

BOB-XXO-XOX

	O	X
O	X	O
	X	X

BOX-OXO-BXX

	X	X
O	X	O
	O	X

BXX-OXO-BOX

X	O	
O	X	O
X	X	

XOB-OXO-XXB

X	O	X
O	X	X
	O	

XOX-OXX-BOB

X	O	X
X	X	O
	O	

XOX-XXO-BOB

X	X	
O	X	O
X	O	

XXB-OXO-XOB

O plays next

X	O	X
O	X	X
O	O	

XOX-OXX-OOB

X	O	X
O	X	X
	O	O

XOX-OXX-BOO

Strategy #2: Block

		○
○	×	×
×	○	×

BBO-OXX-XOX

	○	×
	×	○
○	×	×

BOX-BXO-OXX

○		
×	×	○
×	○	×

OBB-XXO-XOX

○	×	×
	×	○
	○	×

OXX-BXO-BOX

×	○	
○	×	
×	×	○

XOB-OXB-XXO

×	○	×
○	×	×
		○

XOX-OXX-BBO

×	○	×
×	×	○
○		

XOX-XXO-OB

×	×	○
○	×	
×	○	

XXO-OXB-XOB

O plays next

×	○	×
○	×	×
○		○

XOX-OXX-OBO

×	○	×
○	×	×
	○	○

XOX-OXX-BOO

Strategy #2: Block

	○	×
×	×	○
○		×

BOX-XXO-OBX

	×	○
○	×	
×	○	×

BXO-OXB-XOX

○		×
×	×	○
	○	×

OBX-XXO-BOX

○	×	
	×	○
×	○	×

OXB-BXO-XOX

×		○
○	×	×
×	○	

XBO-OXX-XOB

×	○	
○	×	×
×		○

XOB-OXX-XBO

×	○	×
	×	○
○	×	

XOX-BXO-OXB

×	○	×
○	×	
	×	○

XOX-OXB-BXO

O plays next

×	○	×
○	×	○
	×	○

XOX-OXO-BXO

×	○	×
○	×	
○	×	○

XOX-OXB-OXO

Strategy #2: Block

BBX-XOO-XOX

		X
X	O	O
X	O	X

BBX-XOO-XOX

	X	X
	O	O
X	O	X

BXX-BOO-XOX

X		
O	O	X
X	O	X

XBB-OOX-XOX

X	O	X
	O	O
	X	X

XOX-BOO-BXX

X	O	X
O	O	
X	X	

XOX-OOB-XXB

X	O	X
O	O	X
X		

XOX-OOX-XBB

X	O	X
X	O	O
		X

XOX-XOO-BBX

X	X	
O	O	
X	O	X

XXB-OOB-XOX

O plays next

X	O	X
O	O	X
X	O	

XOX-OOX-XOB

X	O	X
O	O	X
X		O

XOX-OOX-XBO

Strategy #1: Win

	○	×
×	○	○
	×	×

BOX-XOO-BXX

	×	
○	○	×
×	○	×

BXB-OOX-XOX

	×	
×	○	○
×	○	×

BXB-XOO-XOX

	×	×
×	○	○
	○	×

BXX-XOO-BOX

×	○	
○	○	×
×	×	

XOB-OOX-XXB

×	○	×
○	○	×
	×	

XOX-OOX-BXB

×	○	×
×	○	○
	×	

XOX-XOO-BXB

×	×	
○	○	×
×	○	

XXB-OOX-XOB

O plays next

×	○	×
○	○	×
○	×	

XOX-OOX-OXB

×	○	×
○	○	×
	×	○

XOX-OOX-BXO

Strategy #2: Block

BXO-XBO-XOX

	X	O
X		O
X	O	X

BXO-XBO-XOX

	X	X
X		O
O	O	X

BXX-XBO-OOX

O	O	X
X		O
	X	X

OOX-XBO-BXX

O	X	
O		X
X	O	X

OXB-OBX-XOX

X	O	O
O		X
X	X	

XOO-OBX-XXB

X	O	X
O		X
O	X	

XOX-OBX-AXB

X	O	X
X		O
	X	O

XOX-XBO-BXO

X	X	
O		X
X	O	O

XXB-OBX-XOO

O plays next

X	O	X
O	O	X
O	X	

XOX-OOX-AXB

X	O	X
O		X
O	X	O

XOX-OBX-AXO

Strategy #2: Block

	○	×
×		○
×	○	×

BOX-XBO-XOX

	×	×
○		○
×	○	×

BXX-OBO-XOX

×	○	
○		×
×	○	×

XOB-OBX-XOX

×	○	×
○		○
	×	×

XOX-OBO-BXX

×	○	×
○		○
×	×	

XOX-OBO-XXB

×	○	×
○		×
×	○	

XOX-OBX-XOB

×	○	×
×		○
	○	×

XOX-XBO-BOX

×	×	
○		○
×	○	×

XXB-OBO-XOX

O plays next

×	○	×
○	○	×
×	○	

XOX-OOX-XOB

×	○	×
○		×
×	○	○

XOX-OBX-XOO

Strategy #1: Win

OBX-XBO-XOX

○		×
×		○
×	○	×

OBX-XBO-XOX

○	×	×
		○
×	○	×

OXX-BBO-XOX

×		○
○		×
×	○	×

XBO-OBX-XOX

×	○	×
		○
○	×	×

XOX-BBO-OXX

×	○	×
○		
×	×	○

XOX-OBX-XXO

×	○	×
○		×
×		○

XOX-OBX-XBO

×	○	×
×		○
○		×

XOX-XBO-OBX

×	×	○
○		
×	○	×

XXO-OBX-XOX

O plays next

×	○	×
○	○	×
×		○

XOX-OOX-XBO

×	○	×
○		×
×	○	○

XOX-OBX-XOO

Strategy #2: Block

	○	×
×		○
○	×	×

BOX-XBO-OXX

	×	○
○		×
×	○	×

BXO-OBX-XOX

○	×	
×		○
×	○	×

OXB-XBO-XOX

○	×	×
×		○
	○	×

OXX-XBO-BOX

×	○	
○		×
×	×	○

XOB-OBX-XXO

×	○	×
○		×
	×	○

XOX-OBX-BXO

×	○	×
×		○
○	×	

XOX-XBO-OXB

×	×	○
○		×
×	○	

XXO-OBX-XOB

O plays next

×	○	×
○	○	×
	×	○

XOX-OOX-BXO

×	○	×
○		×
○	×	○

XOX-OBX-OXO

Strategy #5: Play in the center

XBX-BOO-XOX

X		X
	O	O
X	O	X

XBX-BOO-XOX

X		X
O	O	
X	O	X

XBX-OOB-XOX

X	O	X
	O	O
X		X

XOX-BOO-XBX

X	O	X
O	O	
X		X

XOX-OOB-XBX

O plays next

X	O	X
O	O	O
X		X

XOX-OOO-XBX

X	O	X
O	O	
X	O	X

XOX-OOB-XOX

Strategy #1: Win

XBX-OBO-XOX

X		X
O		O
X	O	X

XBX-OBO-XOX

X	O	X
		O
X	O	X

XOX-BBO-XOX

X	O	X
O		
X	O	X

XOX-OBB-XOX

X	O	X
O		O
X		X

XOX-OBO-XBX

O plays next

X	O	X
O	O	O
X		X

XOX-OOO-XBX

X	O	X
O		O
X	O	X

XOX-OBO-XOX

Strategy #1: Win

	○	×
×	○	○
×		×

BOX-XOO-XBX

	×	×
○	○	
×	○	×

BXX-OOB-XOX

×		×
○	○	×
×	○	

XBX-OOX-XOB

×		×
×	○	○
	○	×

XBX-XOO-BOX

×	○	
○	○	×
×		×

XOB-OOX-XBX

×	○	×
	○	○
×	×	

XOX-BOO-XXB

×	○	×
○	○	
	×	×

XOX-OOB-BXX

×	×	
	○	○
×	○	×

XXB-BOO-XOX

O plays next

×	○	×
○	○	○
	×	×

XOX-OOO-BXX

×	○	×
○	○	
○	×	×

XOX-OOB-OXX

Strategy #1: Win

○	○	×
×		○
×		×

OOX-XBO-XBX

○	×	×
○		
×	○	×

OXX-OBX-XOX

×		×
○		×
×	○	○

XBX-OBX-XOO

×		×
×		○
○	○	×

XBX-XBO-OOX

×	○	○
○		×
×		×

XOO-OBX-XBX

×	○	×
		○
×	×	○

XOX-BBO-XXO

×	○	×
○		
○	×	×

XOX-OBX-OXX

×	×	○
		○
×	○	×

XXO-BBO-XOX

O plays next

×	○	×
○	○	
○	×	×

XOX-OOB-OXX

×	○	×
○		○
○	×	×

XOX-OBO-OXX

Strategy #2: Block

BBO-XOX-XOX

		○
×	○	×
×	○	×

BBO-XOX-XOX

	×	×
	○	○
○	×	×

BXX-BOO-OXX

○		
×	○	×
×	○	×

OBB-XOX-XOX

○	×	×
	○	○
	×	×

OXX-BOO-BXX

×	○	×
×	○	×
		○

XOX-XOX-BBO

×	○	×
×	○	×
○		

XOX-XOX-OB

×	×	
○	○	
×	×	○

XXB-OOB-XXO

×	×	○
○	○	
×	×	

XXO-OOB-XXB

O plays next

×	○	×
×	○	×
○	○	

XOX-XOX-OOB

×	○	×
×	○	×
○		○

XOX-XOX-OBO

Strategy #1: Win

		X
X	O	O
O	X	X

BBX-XOO-OXX

	X	O
	O	X
X	O	X

BXO-BOX-XOX

O	X	
X	O	
X	O	X

OXB-XOB-XOX

O	X	X
X	O	O
		X

OXX-XOO-BBX

X		
O	O	X
X	X	O

XBB-OOX-XXO

X	O	X
	O	X
	X	O

XOX-BOX-BXO

X	O	X
X	O	
O	X	

XOX-XOB-OXB

X	X	O
O	O	X
X		

XXO-OOX-XBB

O plays next

X	O	X
X	O	O
O	X	

XOX-XOO-OXB

X	O	X
X	O	
O	X	O

XOX-XOB-OXO

Strategy #7: Play in any empty corner

○		×
×	○	
×	○	×

OBX-XOB-XOX

○	×	×
	○	○
×		×

OXX-BOO-XBX

×		○
	○	×
×	○	×

XBO-BOX-XOX

×		×
	○	○
○	×	×

XBX-BOO-OXX

×		×
○	○	
×	×	○

XBX-OOB-XXO

×	○	×
	○	×
×		○

XOX-BOX-XBO

×	○	×
×	○	
○		×

XOX-XOB-OBX

×	×	○
○	○	
×		×

XXO-OOB-XBX

O plays next

×	○	×
×	○	○
○		×

XOX-XOO-OBX

×	○	×
×	○	
○	○	×

XOX-XOB-OOX

Strategy #1: Win

BXO-XOB-XOX

	X	O
X	O	
X	O	X

BXO-XOB-XOX

	X	X
X	O	O
O		X

BXX-XOO-OBX

O		X
X	O	O
	X	X

OBX-XOO-BXX

O	X	
	O	X
X	O	X

OXB-BOX-XOX

X		O
O	O	X
X	X	

XBO-OOX-XXB

X	O	X
	O	X
O	X	

XOX-BOX-AXB

X	O	X
X	O	
	X	O

XOX-XOB-BXO

X	X	
O	O	X
X		O

XXB-OOX-XBO

O plays next

X	O	X
X	O	O
	X	O

XOX-XOO-BXO

X	O	X
X	O	
O	X	O

XOX-XOB-OXO

Strategy #2: Block

○		×
×	○	○
×		×

OBX-XOO-XBX

○	×	×
	○	
×	○	×

OXX-BOB-XOX

×		○
○	○	×
×		×

XBO-OOX-XBX

×		×
○	○	×
×		○

XBX-OOX-XBO

×		×
×	○	○
○		×

XBX-XOO-OBX

×	○	×
	○	
○	×	×

XOX-BOB-OXX

×	○	×
	○	
×	×	○

XOX-BOB-XXO

×	×	○
	○	
×	○	×

XXO-BOB-XOX

O plays next

×	○	×
○	○	
×	×	○

XOX-OOB-XXO

×	○	×
	○	○
×	×	○

XOX-BOO-XXO

Strategy #2: Block

		X
O	X	O
O	X	X

BBX-OXO-OXX

	O	O
	X	X
X	O	X

BOO-BXX-XOX

O	O	
X	X	
X	O	X

OOB-XXB-XOX

O	X	X
O	X	O
		X

OXX-OXO-BBX

X		
O	X	O
X	X	O

XBB-OXO-XXO

X	O	X
	X	X
	O	O

XOX-BXX-BOO

X	O	X
X	X	
O	O	

XOX-XXB-OOB

X	X	O
O	X	O
X		

XXO-OXO-XBB

O plays next

X	O	X
X	X	O
O	O	

XOX-XXO-OOB

X	O	X
X	X	
O	O	O

XOX-XXB-OOO

Strategy #1: Win

BOO-XBX-XOX

	○	○
×		×
×	○	×

BOO-XBX-XOX

	×	×
○		○
○	×	×

BXX-OBO-OXX

○	○	
×		×
×	○	×

OOB-XBX-XOX

○	×	×
○		○
	×	×

OXX-OBO-BXX

×	○	×
×		×
	○	○

XOX-XBX-BOO

×	○	×
×		×
○	○	

XOX-XBX-OOB

×	×	
○		○
×	×	○

XXB-OBO-XXO

×	×	○
○		○
×	×	

XXO-OBO-XXB

O plays next

×	○	×
×	○	×
○	○	

XOX-XOX-OOB

×	○	×
×		×
○	○	○

XOX-XBX-OOO

Strategy #1: Win

OOX-XBB-XOX

○	○	×
×		
×	○	×

OOX-XBB-XOX

○	×	×
○		○
×		×

OXX-OBO-XBX

×		×
○		○
○	×	×

XBX-OBO-OXX

×		×
○		○
×	×	○

XBX-OBO-XXO

×	○	○
		×
×	○	×

XOO-BBX-XOX

×	○	×
		×
×	○	○

XOX-BBX-XOO

×	○	×
×		
○	○	×

XOX-XBB-OOX

×	×	○
○		○
×		×

XXO-OBO-XBX

O plays next

×	○	×
×	○	
○	○	×

XOX-XOB-OOX

×	○	×
×		○
○	○	×

XOX-XBO-OOX

Strategy #1: Win

OBO-BXX-XOX

○		○
	×	×
×	○	×

OBO-BXX-XOX

○		○
×	×	
×	○	×

OBO-XXB-XOX

○		×
	×	○
○	×	×

OBX-BXO-OXX

○	×	×
	×	○
○		×

OXX-BXO-OBX

×		○
○	×	
×	×	○

XBO-OXB-XXO

×	○	×
	×	×
○		○

XOX-BXX-OBO

×	○	×
×	×	
○		○

XOX-XXB-OBO

×	×	○
○	×	
×		○

XXO-OXB-XBO

O plays next

×	○	×
×	×	○
○		○

XOX-XXO-OBO

×	○	×
×	×	
○	○	○

XOX-XXB-OOO

Strategy #1: Win

OBO-XBX-XOX

○		○
×		×
×	○	×

OBO-XBX-XOX

○	×	×
		○
○	×	×

OXX-BBO-OXX

×	○	×
×		×
○		○

XOX-XBX-OBO

×	×	○
○		
×	×	○

XXO-OBB-XXO

O plays next

×	○	×
×	○	×
○		○

XOX-XOX-OBO

×	○	×
×		×
○	○	○

XOX-XBX-OOO

Strategy #1: Win

○		×
×		○
○	×	×

OBX-XBO-OXX

○	×	○
		×
×	○	×

OXO-BBX-XOX

○	×	○
×		
×	○	×

OXO-XBB-XOX

○	×	×
×		○
○		×

OXX-XBO-OBX

×		○
○		×
×	×	○

XBO-OBX-XXO

×	○	×
		×
○	×	○

XOX-BBX-OXO

×	○	×
×		
○	×	○

XOX-XBB-OXO

×	×	○
○		×
×		○

XXO-OBX-XBO

O plays next

×	○	×
×	○	
○	×	○

XOX-XOB-OXO

×	○	×
×		○
○	×	○

XOX-XBO-OXO

Strategy #5: Play in the center

	○	○
×	×	
×	○	×

BOO-XXB-XOX

	×	×
○	×	○
○		×

BXX-OXO-OBX

○		×
○	×	○
	×	×

OBX-OXO-BXX

○	○	
	×	×
×	○	×

OOB-BXX-XOX

×		○
○	×	○
×	×	

XBO-OXO-XXB

×	○	×
	×	×
○	○	

XOX-BXX-OOB

×	○	×
×	×	
	○	○

XOX-XXB-BOO

×	×	
○	×	○
×		○

XXB-OXO-XBO

O plays next

×	○	×
○	×	×
○	○	

XOX-OXX-OOB

×	○	×
	×	×
○	○	○

XOX-BXX-OOO

Strategy #1: Win

OBX-XXO-OBX

○		×
×	×	○
○		×

OBX-XXO-OBX

○	×	○
	×	
×	○	×

OXO-BXB-XOX

×		○
○	×	×
×		○

XBO-OXX-XBO

×	○	×
	×	
○	×	○

XOX-BXB-OXO

O plays next

×	○	×
○	×	
○	×	○

XOX-OXB-OXO

×	○	×
	×	○
○	×	○

XOX-BXO-OXO

Strategy #8: Play in an empty middle square on any of the four sides

	○	○
×	×	○
	×	×

BOO-XXO-BXX

	×	
○	×	×
○	○	×

BXB-OXX-OOX

	×	
×	×	○
×	○	○

BXB-XXO-XOO

	×	×
×	×	○
	○	○

BXX-XXO-BOO

○	○	
○	×	×
×	×	

OOB-OXX-XXB

○	○	×
○	×	×
	×	

OOX-OXX-BXB

×	○	○
×	×	○
	×	

XOO-XXO-BXB

×	×	
○	×	×
○	○	

XXB-OXX-OOB

O plays next

×	○	○
×	×	○
○	×	

XOO-XXO-OXB

×	○	○
×	×	○
	×	○

XOO-XXO-BXO

Strategy #1: Win

		○
×	×	○
○	×	×

BBO-XXO-OXX

	×	○
	×	×
○	○	×

BXO-BXX-OOX

○		
○	×	×
×	×	○

OBB-OXX-XXO

○	○	×
	×	×
	×	○

OOX-BXX-BXO

○	×	
×	×	
×	○	○

OXB-XXB-XOO

○	×	×
×	×	○
		○

OXX-XXO-BBO

×	○	○
×	×	
○	×	

XOO-XXB-OXB

×	×	○
○	×	×
○		

XXO-OXX-OB

O plays next

×	○	○
×	×	○
○	×	

XOO-XXO-OXB

×	○	○
×	×	
○	×	○

XOO-XXB-OXO

Strategy #2: Block

BXO-XXB-XOO

	X	O
X	X	
X	O	O

BXO-XXB-XOO

	X	X
X	X	O
O		O

BXX-XXO-OBO

O		O
O	X	X
X	X	

OBO-OXX-XXB

O		O
X	X	O
	X	X

OBO-XXO-BXX

O	O	X
	X	X
O	X	

OOX-BXX-OXB

O	X	
	X	X
O	O	X

OXB-BXX-OOX

X	O	O
X	X	
	X	O

XOO-XXB-BXO

X	X	
O	X	X
O		O

XXB-OXX-OBO

O plays next

X	O	O
X	X	O
	X	O

XOO-XXO-BXO

X	O	O
X	X	
O	X	O

XOO-XXB-OXO

Strategy #1: Win

BXB-XOX-OOX

	X	
X	O	X
O	O	X

BXB-XOX-OOX

	X	
X	O	X
X	O	O

BXB-XOX-XOO

	X	O
X	O	O
	X	X

BXO-XOO-BXX

	X	X
X	O	O
	X	O

BXX-XOO-BXO

O	O	X
X	O	X
	X	

OOX-XOX-BXB

O	X	
O	O	X
X	X	

OXB-OOX-XXB

X	O	O
X	O	X
	X	

XOO-XOX-BXB

X	X	
O	O	X
O	X	

XXB-OOX-OXB

O plays next

X	O	O
X	O	X
O	X	

XOO-XOX-OXB

X	O	O
X	O	X
	X	O

XOO-XOX-BXO

Strategy #1: Win

		X
X	O	X
X	O	O

BBX-XOX-XOO

	X	X
	O	O
X	X	O

BXX-BOO-XXO

O	O	X
X	O	X
X		

OOX-XOX-XBB

O	X	X
O	O	
X	X	

OXX-OOB-XXB

X		
X	O	X
O	O	X

XBB-XOX-OOX

X	O	O
X	O	X
		X

XOO-XOX-BBX

X	X	
O	O	
O	X	X

XXB-OOB-OXX

X	X	O
	O	O
	X	X

XXO-BOO-BXX

O plays next

X	O	O
X	O	X
O		X

XOO-XOX-OBX

X	O	O
X	O	X
	O	X

XOO-XOX-BOX

Strategy #1: Win

BXO-XBO-OXX

	X	O
X		O
O	X	X

BXO-XBO-OXX

	X	O
X		X
O	O	X

BXO-XBX-OOX

O	O	X
X		X
	X	O

OOX-XBX-BXO

O	X	
O		X
X	X	O

OXB-OBX-XXO

O	X	
X		X
X	O	O

OXB-XBX-XOO

O	X	X
X		O
	X	O

OXX-XBO-BXO

X	O	O
X		X
O	X	

XOO-XBX-OBX

X	X	O
O		X
O	X	

XXO-OBX-OBX

O plays next

X	O	O
X	O	X
O	X	

XOO-XOX-OBX

X	O	O
X		X
O	X	O

XOO-XBX-OXO

Strategy #1: Win

OBX-XBX-XOO

○		×
×		×
×	○	○

OBX-XBX-XOO

○	○	×
×		×
×		○

OOX-XBX-XBO

○	×	×
		○
×	×	○

OXX-BBO-XXO

○	×	×
○		
×	×	○

OXX-OBX-XXO

×		○
×		×
○	○	×

XBO-XBX-OOX

×	○	○
×		×
○		×

XOO-XBX-OBX

×	×	○
		○
○	×	×

XXO-BBO-OXX

×	×	○
○		
○	×	×

XXO-OBX-OXX

O plays next

×	○	○
×	○	×
○		×

XOO-XOX-OBX

×	○	○
×		×
○	○	×

XOO-XBX-OOX

Strategy #1: Win

BOX-XBX-XOO

	○	×
×		×
×	○	○

BOX-XBX-XOO

	×	×
○		○
×	×	○

BXX-OBO-XXO

○	○	×
×		×
×	○	

OOX-XBX-XOB

○	×	×
○		○
×	×	

OXX-OBO-XXB

×	○	
×		×
○	○	×

XOB-XBX-OOX

×	○	○
×		×
	○	×

XOO-XBX-BOX

×	×	
○		○
○	×	×

XXB-OBO-OXX

×	×	○
○		○
	×	×

XXO-OBO-BXX

O plays next

×	○	○
×	○	×
	○	×

XOO-XOX-BOX

×	○	○
×		×
○	○	×

XOO-XBX-OOX

Strategy #1: Win

BXO-XBX-XOO

	X	O
X		X
X	O	O

BXO-XBX-XOO

	X	X
X		O
O	X	O

BXX-XBO-OXO

O	O	X
X		X
O	X	

OOX-XBX-AXB

O	X	
X		X
O	O	X

AXB-XBX-OOX

O	X	O
O		X
X	X	

OXO-OBX-XXB

O	X	O
X		O
	X	X

OXO-XBO-BXX

X	O	O
X		X
	X	O

XOO-XBX-BXO

X	X	
O		X
O	X	O

XXB-OBX-OXO

O plays next

X	O	O
X	O	X
	X	O

XOO-XOX-BXO

X	O	O
X		X
O	X	O

XOO-XBX-OXO

Strategy #2: Block

BXX-XOB-XOO

	X	X
X	O	
X	O	O

BXX-XOB-XOO

	X	X
X	O	O
X		O

BXX-XOO-XBO

O		X
O	O	X
X	X	

OBX-OOX-XXB

O	O	X
	O	X
X	X	

OOX-BOX-XXB

X		O
X	O	O
	X	X

XBO-XOO-BXX

X	O	O
X	O	
	X	X

XOO-XOB-BXX

X	X	
	O	X
O	O	X

XXB-BOX-OOX

X	X	
O	O	X
O		X

XXB-OOX-OBX

O plays next

X	O	O
X	O	O
	X	X

XOO-XOO-BXX

X	O	O
X	O	
O	X	X

XOO-XOB-OXX

Strategy #1: Win

BXX-XBO-XOO

	X	X
X		O
X	O	O

BXX-XBO-XOO

O	O	X
O		X
X	X	

OOX-OBX-XXB

X	O	O
X		O
	X	X

XOO-XBO-BXX

X	X	
O		X
O	O	X

XXB-OBX-OOX

O plays next

X	O	O
X	O	O
	X	X

XOO-XOO-BXX

X	O	O
X		O
O	X	X

XOO-XBO-OXX

Strategy #2: Block

○		×
○		×
×	×	○

OBX-OBX-XXO

○	○	×
		×
×	×	○

OOX-BBX-XXO

○	×	×
×		
×	○	○

OXX-XBB-XOO

○	×	×
×		○
×		○

OXX-XBO-XBO

×		○
×		○
○	×	×

XBO-XBO-OXX

×	○	○
×		
○	×	×

XOO-XBB-OXX

×	×	○
		×
○	○	×

XXO-BBX-OOX

×	×	○
○		×
○		×

XXO-OBX-OBX

O plays next

×	○	○
×	○	
○	×	×

XOO-XOB-OXX

×	○	○
×		○
○	×	×

XOO-XBO-OXX

Strategy #1: Win

BOX-XOX-BXO

	○	×
×	○	×
	×	○

BOX-XOX-BXO

	×	
○	○	×
×	×	○

BXB-OOX-XXO

	×	
×	○	○
○	×	×

BXB-XOO-OXX

	×	○
×	○	×
	○	×

BXO-XOX-BOX

○	×	
×	○	×
×	○	

OXB-XOX-XOB

○	×	×
×	○	○
	×	

OXX-XOO-BXB

×	○	
×	○	×
○	×	

XOB-XOX-OXB

×	×	○
○	○	×
	×	

XXO-OOX-BXB

O plays next

×	○	○
×	○	×
○	×	

XOO-XOX-OXB

×	○	
×	○	×
○	×	○

XOB-XOX-OXO

Strategy #1: Win

	○	×
×	○	×
×		○

BOX-XOX-XBO

	×	×
○	○	
×	×	○

BXX-OOB-XXO

○		×
×	○	×
×	○	

OBX-XOX-XOB

○	×	×
	○	○
×	×	

OXX-BOO-XXB

×		○
×	○	×
	○	×

XBO-XOX-BOX

×	○	
×	○	×
○		×

XOB-XOX-OBX

×	×	
	○	○
○	×	×

XXB-BOO-OXX

×	×	○
○	○	
	×	×

XXO-OOB-BXX

O plays next

×	○	○
×	○	×
○		×

XOO-XOX-OBX

×	○	
×	○	×
○	○	×

XOB-XOX-OOX

Strategy #1: Win

	O	X
X	O	X
O	X	

BOX-XOX-OXB

	X	O
O	O	X
X	X	

BXO-OOX-XXB

	X	O
X	O	X
X	O	

BXO-XOX-XOB

	X	X
X	O	O
O	X	

BXX-XOO-OXB

O	X	
X	O	O
	X	X

OXB-XOO-BXX

O	X	
X	O	X
	O	X

OXB-XOX-BOX

X	O	
X	O	X
	X	O

XOB-XOX-BXO

X	X	
O	O	X
	X	O

XXB-OOX-BXO

O plays next

X	O	O
X	O	X
	X	O

XOO-XOX-BXO

X	O	
X	O	X
O	X	O

XOB-XOX-OXO

Strategy #2: Block

BOX-OOX-XXB

	○	×
○	○	×
×	×	

BOX-OOX-XXB

	×	×
×	○	○
×	○	

BXX-XOO-XOB

×	○	
×	○	○
	×	×

XOB-XOO-BXX

×	×	
○	○	×
	○	×

XXB-OOX-BOX

O plays next

×	○	○
×	○	○
	×	×

XOO-XOO-BXX

×	○	
×	○	○
○	×	×

XOB-XOO-OXX

Strategy #2: Block

		X
O	O	X
X	X	O

BBX-OOX-XXO

	O	X
	O	X
X	X	O

BOX-BOX-XXO

O	X	X
X	O	
X	O	

OXX-XOB-XOB

O	X	X
X	O	O
X		

OXX-XOO-XBB

X		
X	O	O
O	X	X

XBB-XOO-OXX

X	O	
X	O	
O	X	X

XOB-XOB-OXX

X	X	O
	O	X
	O	X

XXO-BOX-BOX

X	X	O
O	O	X
		X

XXO-OOX-BBX

O plays next

X	O	O
X	O	
O	X	X

XOO-XOB-OXX

X	O	
X	O	O
O	X	X

XOB-XOO-OXX

Strategy #1: Win

	○	
○	×	×
×	×	○

BOB-OXX-XXO

	○	
×	×	○
○	×	×

BOB-XXO-OXX

	○	×
○	×	×
	×	○

BOX-OXX-BXO

	×	○
○	×	×
	○	×

BXO-OXX-BOX

○	×	
×	×	○
×	○	

OXB-XXO-XOB

○	×	×
×	×	○
	○	

OXX-XXO-BOB

×	○	
×	×	○
○	×	

XOB-XXO-OXB

×	×	○
○	×	×
	○	

XXO-OXX-BOB

O plays next

×	○	○
×	×	○
○	×	

XOO-XXO-OXB

×	○	
×	×	○
○	×	○

XOB-XXO-OXO

Strategy #2: Block

	○	○
○	×	×
×	×	

BOO-OXX-XXB

	○	×
○	×	×
○	×	

BOX-OXX-OXB

	×	○
×	×	○
×	○	

BXO-XXO-XOB

	×	×
×	×	○
○	○	

BXX-XXO-OOB

○	○	
×	×	○
	×	×

OOB-XXO-BXX

○	×	
○	×	×
	○	×

OXB-OXX-BOX

×	○	
×	×	○
	×	○

XOB-XXO-BXO

×	×	
○	×	×
	○	○

XXB-OXX-BOO

O plays next

×	○	○
×	×	○
	×	○

XOO-XXO-BXO

×	○	
×	×	○
○	×	○

XOB-XXO-OXO

Strategy #1: Win

BOX-OBX-XXO

	○	×
○		×
×	×	○

BOX-OBX-XXO

○	×	×
×		○
×	○	

OXX-XBO-XOB

×	○	
×		○
○	×	×

XOB-XBO-OXX

×	×	○
○		×
	○	×

XXO-OBX-BOX

O plays next

×	○	○
×		○
○	×	×

XOO-XBO-OXX

×	○	
×	○	○
○	×	×

XOB-XOO-OXX

Strategy #2: Block

		○
○	×	×
×	×	○

BBO-OXX-XXO

	○	×
	×	×
○	×	○

BOX-BXX-OXO

○		
×	×	○
○	×	×

OBB-XXO-OXX

○	×	○
	×	×
	○	×

OXO-BXX-BOX

○	×	○
×	×	
×	○	

OXO-XXB-XOB

○	×	×
×	×	○
○		

OXX-XXO-OB

×	○	
×	×	
○	×	○

XOB-XXB-OXO

×	×	○
○	×	×
		○

XXO-OXX-BBO

O plays next

×	○	○
×	×	
○	×	○

XOO-XXB-OXO

×	○	
×	×	○
○	×	○

XOB-XXO-OXO

Strategy #2: Block

	○	×
×		×
○	×	○

BOX-XBX-OXO

	×	○
○		×
×	×	○

BXO-OBX-XXO

○	×	
×		○
○	×	×

OXB-XBO-OXX

○	×	○
×		×
	○	×

OXO-XBX-BOX

○	×	○
×		×
×	○	

OXO-XBX-XOB

○	×	×
×		○
○	×	

OXX-XBO-OXB

×	○	
×		×
○	×	○

XOB-XBX-OXO

×	×	○
○		×
	×	○

XXO-OBX-BXO

O plays next

×	○	○
×		×
○	×	○

XOO-XBX-OXO

×	○	
×	○	×
○	×	○

XOB-XOX-OXO

Strategy #2: Block

	○	×
×	×	○
	×	○

BOX-XXO-BXO

	×	
○	×	×
×	○	○

BXB-OXX-XOO

	×	
×	×	○
○	○	×

BXB-XXO-OOX

	×	○
×	×	○
	○	×

BXO-XXO-BOX

○	○	×
×	×	○
	×	

OOX-XXO-BXB

○	×	
○	×	×
×	○	

OXB-OXX-XOB

×	○	
○	×	×
○	×	

XOB-OXX-OXB

×	○	○
○	×	×
	×	

XOO-OXX-BXB

O plays next

×	○	○
○	×	×
○	×	

XOO-OXX-OXB

×	○	○
○	×	×
	×	○

XOO-OXX-BXO

Strategy #2: Block

	X	O
X	X	
O	O	X

BXO-XXB-OOX

	X	O
X	X	O
O		X

BXO-XXO-OBX

O		X
X	X	O
	X	O

OBX-XXO-BXO

O	O	X
X	X	
	X	O

OOX-XXB-BXO

O	X	
	X	X
X	O	O

OXB-BXX-XOO

O	X	
O	X	X
X		O

OXB-OXX-XBO

X		O
O	X	X
O	X	

XBO-OXX-OXB

X	O	O
	X	X
O	X	

XOO-BXX-OXB

O plays next

X	O	O
O	X	X
O	X	

XOO-OXX-OXB

X	O	O
	X	X
O	X	O

XOO-BXX-OXO

Strategy #2: Block

	○	×
×	×	
○	○	×

BOX-XXB-OOX

	×	○
○	×	○
×		×

BXO-OXO-XXB

○	○	×
×	×	
	○	×

OOX-XXB-BOX

○	×	
○	×	○
×		×

OXB-OXO-XXB

×		×
○	×	○
	×	○

XBX-OXO-BXO

×		×
○	×	○
○	×	

XBX-OXO-OXB

×	○	
	×	×
×	○	○

XOB-BXX-XOO

×	○	○
	×	×
×	○	

XOO-BXX-XOB

O plays next

×	○	○
○	×	×
×	○	

XOO-OXX-XOB

×	○	○
	×	×
×	○	○

XOO-BXX-XOO

Strategy #2: Block

○		×
×	×	
○	○	×

OBX-XXB-OOX

○	○	×
×	×	
○		×

OOX-XXB-OBX

○	×	○
	×	○
×		×

OXO-BXO-XXB

○	×	○
○	×	
×		×

OXO-OXB-XXB

×		○
	×	×
×	○	○

XBO-BXX-XOO

×		×
	×	○
○	×	○

XBX-BXO-OXO

×		×
○	×	
○	×	○

XBX-OXB-OXO

×	○	○
	×	×
×		○

XOO-BXX-XBO

O plays next

×	○	○
○	×	×
×		○

XOO-OXX-XBO

×	○	○
	×	×
×	○	○

XOO-BXX-XOO

Strategy #2: Block

		X
X	X	O
O	X	O

BBX-XXO-OXO

	X	O
	X	X
X	O	O

BXO-BXX-XOO

O	O	X
X	X	
O	X	

OOX-XXB-AXB

O	X	
X	X	
O	O	X

AXB-XXB-OOX

O	X	O
O	X	X
X		

OXO-OXX-XBB

O	X	O
X	X	O
		X

OXO-XXO-BBX

X		
O	X	X
O	X	O

XBB-OXX-OXO

X	O	O
	X	X
	X	O

XOO-BXX-BXO

O plays next

X	O	O
O	X	X
	X	O

XOO-OXX-BXO

X	O	O
	X	X
O	X	O

XOO-BXX-OXO

Strategy #2: Block

	○	○
×	×	○
×		×

BOO-XXO-XXB

	×	×
○	×	
○	○	×

BXX-OXB-OOX

○	○	
○	×	×
×		×

OOB-OXX-XXB

○	○	×
○	×	
	×	×

OOX-OXB-BXX

×		×
○	×	×
○	○	

XBX-OXX-OOB

×		×
×	×	○
	○	○

XXB-XXO-BOO

×	○	○
	×	○
×	×	

XOO-BXO-XXB

×	×	
	×	○
×	○	○

XXB-BXO-XOO

O plays next

×	○	○
○	×	○
×	×	

XOO-OXO-XXB

×	○	○
	×	○
×	×	○

XOO-BXO-XXO

Strategy #1: Win

○		○
○	×	×
×		×

OBO-OXX-XBX

○		○
×	×	○
×		×

OBO-XXO-XBX

○	○	×
	×	
○	×	×

OOX-BXB-OXX

○	×	×
	×	
○	○	×

OXX-BXB-OOX

×		×
○	×	×
○		○

XBX-OXX-OBO

×		×
×	×	○
○		○

XBX-XXO-OBO

×	○	○
	×	
×	×	○

XOO-BXB-XXO

×	×	○
	×	
×	○	○

XXO-BXB-XOO

O plays next

×	○	○
○	×	
×	×	○

XOO-OXB-XXO

×	○	○
	×	○
×	×	○

XOO-BXO-XXO

Strategy #1: Win

BOX-XXO-OXB

	○	×
×	×	○
○	×	

BOX-XXO-OXB

	×	○
○	×	×
×	○	

BXO-OXX-XOB

○	×	
×	×	○
	○	×

OXB-XXO-BOX

×	○	
○	×	×
	×	○

XOB-OXX-BXO

○ plays next

×	○	○
○	×	×
	×	○

XOO-OXX-BXO

×	○	
○	×	×
○	×	○

XOB-OXX-OXO

Strategy #7: Play in any empty corner

	○	○
○	×	×
×		×

BOO-OXX-XBX

	○	×
○	×	
○	×	×

BOX-OXB-OXX

○	○	
×	×	○
×		×

OOB-XXO-XBX

○	×	×
○	×	
	○	×

OXX-OXB-BOX

×		×
○	×	×
	○	○

XBX-OXX-BOO

×		×
×	×	○
○	○	

XBX-XXO-OOB

×	○	
	×	○
×	×	○

XOB-BXO-XXO

×	×	○
	×	○
×	○	

XXO-BXO-XOB

O plays next

×	○	○
	×	○
×	×	○

XOO-BXO-XXO

×	○	
○	×	○
×	×	○

XOB-OXO-XXO

Strategy #1: Win

	○	×
×	×	
○	×	○

BOX-XXB-OXO

	×	○
○	×	×
×		○

BXO-OXX-XBO

○		×
×	×	○
○	×	

OBX-XXO-AXB

○	×	
×	×	○
○		×

AXB-XXO-AXB

○	×	○
	×	×
×	○	

OXO-BXX-XOB

○	×	○
×	×	
	○	×

OXO-XXB-BOX

×		○
○	×	×
	×	○

XBO-OXX-BXO

×	○	
	×	×
○	×	○

XOB-BXX-OXO

O plays next

×	○	○
	×	×
○	×	○

XOO-BXX-OXO

×	○	
○	×	×
○	×	○

XOB-OXX-OXO

Strategy #2: Block

	X	O
X	O	O
X		X

BXO-XOO-XBX

	X	X
X	O	
O	O	X

BXX-XOB-OOX

O	O	X
X	O	
	X	X

OOX-XOB-BXX

O	X	
O	O	X
X		X

OXB-OOX-XBX

X		X
O	O	X
O	X	

XBX-OOX-OXB

X		X
X	O	O
	X	O

XBX-XOO-BXO

X	O	O
	O	X
X	X	

XOO-BOX-XXB

X	X	
	O	X
X	O	O

XXB-BOX-XOO

O plays next

X	O	O
O	O	X
X	X	

XOO-OOX-XXB

X	O	O
	O	X
X	X	O

XOO-BOX-XXO

Strategy #2: Block

○	○	×
×	○	
×		×

OOX-XOB-XBX

○	×	×
○	○	
×		×

OXX-OOB-XBX

×		×
	○	○
×	×	○

XBX-BOO-XXO

×		×
	○	×
×	○	○

XBX-BOX-XOO

×		×
○	○	
○	×	×

XBX-OOB-OXX

×		×
×	○	
○	○	×

XBX-XOB-OOX

×	○	○
	○	×
×		×

XOO-BOX-XBX

×	×	○
	○	○
×		×

XXO-BOO-XBX

O plays next

×	○	○
○	○	×
×		×

XOO-OOX-XBX

×	○	○
	○	×
×	○	×

XOO-BOX-XOX

Strategy #1: Win

OOX-XBB-OXX

○	○	×
×		
○	×	×

OOX-XBB-OXX

○	×	○
○		×
×		×

OXO-OBX-XBX

○	×	○
×		○
×		×

OXO-XBO-XBX

○	×	×
×		
○	○	×

OXX-XBB-OOX

×		×
○		×
○	×	○

XBX-OBX-OXO

×		×
×		○
○	×	○

XBX-XBO-OXO

×	○	○
		×
×	×	○

XOO-BBX-XXO

×	×	○
		×
×	○	○

XXO-BBX-XOO

O plays next

×	○	○
○		×
×	×	○

XOO-OBX-XXO

×	○	○
	○	×
×	×	○

XOO-BOX-XXO

Strategy #2: Block

	○	×
×		○
×	×	○

BOX-XBO-XXO

	×	×
○		×
×	○	○

BXX-OBX-XOO

○	○	×
×		○
×	×	

OOX-XBO-XXB

○	×	×
○		×
×	○	

OXX-OBX-XOB

×	○	
○		×
○	×	×

XOB-OBX-OXX

×	○	○
○		×
	×	×

XOO-OBX-BXX

×	×	
×		○
○	○	×

XXB-XBO-OOX

×	×	○
×		○
	○	×

XXO-XBO-BOX

O plays next

×	○	○
○	○	×
	×	×

XOO-OOX-BXX

×	○	○
○		×
○	×	×

XOO-OBX-OXX

× Strategy #2: Block

BBX-XOO-XXO

		X
X	O	O
X	X	O

BBX-XOO-XXO

	X	X
	O	X
X	O	O

BXX-BOX-XOO

O	O	X
X	O	
X	X	

OOX-XOB-XXB

O	X	X
O	O	X
X		

OXX-OOX-XBB

X		
O	O	X
O	X	X

XBB-OOX-OXX

X	O	O
	O	X
	X	X

XOO-BOX-BXX

X	X	
X	O	
O	O	X

XXB-XOB-OOX

X	X	O
X	O	O
		X

XXO-XOO-BBX

O plays next

X	O	O
O	O	X
	X	X

XOO-OOX-BXX

X	O	O
	O	X
O	X	X

XOO-BOX-OXX

Strategy #1: Win

○		×
×		○
×	×	○

OBX-XBO-XXO

○	○	×
×		
×	×	○

OOX-XBB-XXO

○	×	×
		×
×	○	○

OXX-BBX-XOO

○	×	×
○		×
×		○

OXX-OBX-XBO

×		○
○		×
○	×	×

XBO-OBX-OXX

×	○	○
		×
○	×	×

XOO-BBX-OXX

×	×	○
×		
○	○	×

XXO-XBB-OOX

×	×	○
×		○
○		×

XXO-XBO-OBX

O plays next

×	○	○
○		×
○	×	×

XOO-OBX-OXX

×	○	○
	○	×
○	×	×

XOO-BOX-OXX

Strategy #1: Win

BOX-XOO-XXB

	○	×
×	○	○
×	×	

BOX-XOO-XXB

	×	×
○	○	×
×	○	

BXX-OOX-XOB

×	○	
○	○	×
	×	×

XOB-OOX-BXX

×	×	
×	○	○
	○	×

XXB-XOO-BOX

O plays next

×	○	○
○	○	×
	×	×

XOO-OOX-BXX

×	○	
○	○	×
○	×	×

XOB-OOX-OXX

Strategy #2: Block

	○	×
×	○	
○	×	×

BOX-XOB-OXX

	×	○
○	○	×
×		×

BXO-OOX-XBX

○	×	
×	○	○
×		×

OXB-XOO-XBX

○	×	×
×	○	
	○	×

OXX-XOB-BOX

×		×
○	○	×
	×	○

XBX-OOX-BXO

×		×
×	○	○
○	×	

XBX-XOO-OXB

×	○	
	○	×
×	×	○

XOB-BOX-XXO

×	×	○
	○	×
×	○	

XXO-BOX-XOB

O plays next

×	○	○
	○	×
×	×	○

XOO-BOX-XXO

×	○	
○	○	×
×	×	○

XOB-OOX-XXO

Strategy #2: Block

	○	×
×	○	
×	×	○

BOX-XOB-XXO

	×	×
○	○	×
×		○

BXX-OOX-XBO

○		×
×	○	○
×	×	

OBX-XOO-XXB

○	×	×
	○	×
×	○	

OXX-BOX-XOB

×		○
○	○	×
	×	×

XBO-OOX-BXX

×	○	
	○	×
○	×	×

XOB-BOX-OXX

×	×	
×	○	○
○		×

XXB-XOO-OBX

×	×	○
×	○	
	○	×

XXO-XOB-BOX

O plays next

×	○	○
	○	×
○	×	×

XOO-BOX-OXX

×	○	
○	○	×
○	×	×

XOB-OOX-OXX

Strategy #1: Win

	○	○
×	○	×
	×	×

BOO-XOX-BXX

	×	
○	○	×
○	×	×

BXB-OOX-OXX

	×	
×	○	○
×	×	○

BXB-XOO-XXO

	×	×
×	○	×
	○	○

BXX-XOX-BOO

○	○	
×	○	×
×	×	

OOB-XOX-XXB

○	×	×
○	○	×
	×	

OXX-OOX-BXB

×	×	
×	○	×
○	○	

XXB-XOX-OOB

×	×	○
×	○	○
	×	

XXO-XOO-BXB

O plays next

×	×	○
×	○	○
○	×	

XXO-XOO-OXB

×	×	○
×	○	○
	×	○

XXO-XOO-BXO

Strategy #1: Win

	○	
×	○	×
○	×	×

BOB-XOX-OXX

	○	
×	○	×
×	×	○

BOB-XOX-XXO

	×	○
○	○	×
	×	×

BXO-OOX-BXX

	×	×
○	○	×
	×	○

BXX-OOX-BXO

○	×	
×	○	○
×	×	

OXB-XOO-XXB

○	×	×
×	○	×
	○	

OXX-XOX-BOB

×	×	
×	○	○
○	×	

XXB-XOO-OXB

×	×	○
×	○	×
	○	

XXO-XOX-BOB

O plays next

×	×	○
×	○	×
○	○	

XXO-XOX-OOB

×	×	○
×	○	×
	○	○

XXO-XOX-BOO

Strategy #1: Win

		○
×	○	×
×	×	○

BBO-XOX-XXO

	×	×
	○	×
○	×	○

BXX-BOX-OXO

○		
×	○	×
○	×	×

OBB-XOX-OXX

○	×	○
	○	×
	×	×

OXO-BOX-BXX

○	×	○
×	○	
×	×	

OXO-XOB-XXB

○	×	×
×	○	×
○		

OXX-XOX-OBX

×	×	
×	○	
○	×	○

XXB-XOB-OXO

×	×	○
×	○	×
		○

XXO-XOX-BBO

O plays next

×	×	○
×	○	×
○		○

XXO-XOX-OBO

×	×	○
×	○	×
	○	○

XXO-XOX-BOO

Strategy #1: Win

BXO-XOB-XXO

	X	O
X	O	
X	X	O

BXO-XOB-XXO

	X	X
X	O	X
O		O

BXX-XOX-OBO

O		O
X	O	X
	X	X

OBO-XOX-BXX

O		O
X	O	X
X	X	

OBO-XOX-XXB

O	X	
	O	X
O	X	X

OXB-BOX-OXX

O	X	X
	O	X
O	X	

OXX-BOX-OXB

X	X	
X	O	X
O		O

XXB-XOX-OBO

X	X	O
X	O	
	X	O

XXO-XOB-BXO

O plays next

X	X	O
X	O	O
	X	O

XXO-XOO-BXO

X	X	O
X	O	
O	X	O

XXO-XOB-OXO

Strategy #1: Win

○		×
×	○	
○	×	×

OBX-XOB-OXX

○	×	○
	○	×
×		×

OXO-BOX-XBX

○	×	○
×	○	
×		×

OXO-XOB-XBX

○	×	×
×	○	
○		×

OXX-XOB-OBX

×		○
	○	×
×	×	○

XBO-BOX-XXO

×		×
	○	×
○	×	○

XBX-BOX-OXO

×		×
×	○	
○	×	○

XBX-XOB-OXO

×	×	○
	○	×
×		○

XXO-BOX-XBO

O plays next

×	×	○
○	○	×
×		○

XXO-OOX-XBO

×	×	○
	○	×
×	○	○

XXO-BOX-XOO

Strategy #2: Block

		X
X	O	X
O	X	O

BBX-XOX-OXO

	X	O
	O	X
X	X	O

BXO-BOX-XXO

O	X	
X	O	
O	X	X

OXB-XOB-OXX

O	X	O
X	O	X
		X

OXO-XOX-BBX

O	X	O
X	O	X
X		

OXO-XOX-XBB

O	X	X
X	O	
O	X	

OXX-XOB-OXB

X		
X	O	X
O	X	O

XBB-XOX-OXO

X	X	O
	O	X
	X	O

XXO-BOX-BXO

O plays next

X	X	O
O	O	X
	X	O

XXO-OOX-BXO

X	X	O
	O	X
O	X	O

XXO-BOX-OXO

Strategy #1: Win

	○	○
×	○	×
×		×

BOO-XOX-XXB

	×	×
○	○	
○	×	×

BXX-OOB-OXX

○	○	
×	○	×
×		×

OOB-XOX-XXB

○	×	×
○	○	
	×	×

OXX-OOB-BXX

×		×
×	○	×
	○	○

XBX-XOX-BOO

×		×
×	○	×
○	○	

XBX-XOX-OOB

×	×	
	○	○
×	×	○

XXB-BOO-XXO

×	×	○
	○	○
×	×	

XXO-BOO-XXB

O plays next

×	×	○
○	○	○
×	×	

XXO-OOO-XXB

×	×	○
	○	○
×	×	○

XXO-BOO-XXO

Strategy #1: Win

OBO-XOX-XBX

○		○
×	○	×
×		×

OBO-XOX-XBX

○	×	×
	○	
○	×	×

OXX-BOB-OXX

×		×
×	○	×
○		○

XBX-XOX-OBO

×	×	○
	○	
×	×	○

XXO-BOB-XXO

O plays next

×	×	○
○	○	
×	×	○

XXO-OOB-XXO

×	×	○
	○	○
×	×	○

XXO-BOO-XXO

Strategy #1: Win

		○
○	×	×
○	×	×

BBO-OXX-OXX

	○	○
	×	×
○	×	×

BOO-BXX-OXX

○		
×	×	○
×	×	○

OBB-XXO-XXO

○	○	
×	×	
×	×	○

OOB-XXB-XXO

○	×	×
	×	×
	○	○

OXX-BXX-BOO

○	×	×
○	×	×
		○

OXX-OXX-BBO

×	×	○
×	×	
○	○	

XXO-XXB-OOB

×	×	○
×	×	○
○		

XXO-XXO-OB

O plays next

×	×	○
×	×	○
○	○	

XXO-XXO-OOB

×	×	○
×	×	○
○		○

XXO-XXO-OBO

Strategy #1: Win

	○	○
×		×
○	×	×

BOO-XBX-OXX

	×	○
○		×
○	×	×

BXO-OBX-OXX

○	○	
×		×
×	×	○

OOB-XBX-XXO

○	×	
×		○
×	×	○

OXB-XBO-XXO

○	×	×
○		×
	×	○

OXX-OBX-BXO

○	×	×
×		×
	○	○

OXX-XBX-BOO

×	×	○
×		○
○	×	

XXO-XBO-OXB

×	×	○
×		×
○	○	

XXO-XBX-OOB

O plays next

×	×	○
×	○	○
○	×	

XXO-XOO-OXB

×	×	○
×		○
○	×	○

XXO-XBO-OXO

Strategy #1: Win

	○	
○	×	×
○	×	×

BOB-OXX-OXX

	○	
×	×	○
×	×	○

BOB-XXO-XXO

	○	○
○	×	×
	×	×

BOO-OXX-BXX

	×	×
○	×	×
	○	○

BXX-OXX-BOO

○	○	
×	×	○
×	×	

OOB-XXO-XXB

○	×	×
○	×	×
	○	

OXX-OXX-BOB

×	×	
×	×	○
○	○	

XXB-XXO-OOB

×	×	○
×	×	○
	○	

XXO-XXO-BOB

O plays next

×	×	○
×	×	○
○	○	

XXO-XXO-OOB

×	×	○
×	×	○
	○	○

XXO-XXO-BOO

Strategy #1: Win

OBO-BXX-OXX

○		○
	×	×
○	×	×

OBO-BXX-OXX

○		○
×	×	
×	×	○

OBO-XXB-XXO

○	×	×
	×	×
○		○

OXX-BXX-OBO

×	×	○
×	×	
○		○

XXO-XXB-OBO

O plays next

×	×	○
×	×	○
○		○

XXO-XXO-OBO

×	×	○
×	×	
○	○	○

XXO-XXB-OOO

Strategy #1: Win

○		○
×		×
○	×	×

OBO-XBX-OXX

○		○
×		×
×	×	○

OBO-XBX-XXO

○	×	○
		×
○	×	×

OXO-BBX-OXX

○	×	○
×		
×	×	○

OXO-XBB-XXO

○	×	×
		×
○	×	○

OXX-BBX-OXO

○	×	×
×		×
○		○

OXX-XBX-OBO

×	×	○
×		
○	×	○

XXO-XBB-OXO

×	×	○
×		×
○		○

XXO-XBX-OBO

O plays next

×	×	○
×	○	×
○		○

XXO-XOX-OBO

×	×	○
×		×
○	○	○

XXO-XBX-OOO

Strategy #1: Win

	○	○
×	×	
○	×	×

BOO-XXB-OXX

	×	○
○	×	×
○		×

BXO-OXX-OBX

○		×
○	×	×
	×	○

OBX-OXX-BXO

○	○	
	×	×
×	×	○

OOB-BXX-XXO

○	×	
×	×	○
×		○

OXB-XXO-XBO

○	×	×
×	×	
	○	○

OXX-XXB-BOO

×		○
×	×	○
○	×	

XBO-XXO-OXB

×	×	○
	×	×
○	○	

XXO-BXX-OOB

O plays next

×	×	○
○	×	×
○	○	

XXO-OXX-OOB

×	×	○
	×	×
○	○	○

XXO-BXX-OOO

Strategy #1: Win

○		○
	×	×
×	×	○

OBO-BXX-XXO

○		○
×	×	
○	×	×

OBO-XXB-OXX

○		×
	×	×
○	×	○

OBX-BXX-OXO

○	×	○
	×	×
○		×

OXO-BXX-OBX

○	×	○
×	×	
×		○

OXO-XXB-XBO

○	×	×
×	×	
○		○

OXX-XXB-OBO

×		○
×	×	
○	×	○

XBO-XXB-OXO

×	×	○
	×	×
○		○

XXO-BXX-OBO

O plays next

×	×	○
○	×	×
○		○

XXO-OXX-OBO

×	×	○
	×	×
○	○	○

XXO-BXX-OOO

Strategy #1: Win

○		×
×		×
○	×	○

OBX-XBX-OXO

○	×	○
		×
×	×	○

OXO-BBX-XXO

○	×	○
×		
○	×	×

OXO-XBB-OXX

○	×	○
×		×
○		×

OXO-XBX-OBX

○	×	○
×		×
×		○

OXO-XBX-XBO

○	×	×
×		
○	×	○

OXX-XBB-OXO

×		○
×		×
○	×	○

XBO-XBX-OXO

×	×	○
		×
○	×	○

XXO-BBX-OXO

O plays next

×	×	○
○		×
○	×	○

XXO-OBX-OXO

×	×	○
	○	×
○	×	○

XXO-BOX-OXO

Strategy #1: Win

	○	○
×	×	
×	×	○

BOO-XXB-XXO

	×	×
○	×	×
○		○

BXX-OXX-OBO

○		○
○	×	×
	×	×

OBO-OXX-BXX

○		○
×	×	○
×	×	

OBO-XXO-XXB

○	○	
	×	×
○	×	×

OOB-BXX-OXX

○	×	×
	×	×
○	○	

OXX-BXX-OOB

×	×	
×	×	○
○		○

XXB-XXO-OBO

×	×	○
×	×	
	○	○

XXO-XXB-BOO

O plays next

×	×	○
×	×	○
	○	○

XXO-XXO-BOO

×	×	○
×	×	
○	○	○

XXO-XXB-OOO

Strategy #1: Win

	○	○
×		×
×	×	○

BOO-XBX-XXO

	×	×
○		×
○	×	○

BXX-OBX-OXO

○	○	
×		×
○	×	×

OOB-XBX-OXX

○	×	○
○		×
	×	×

OXO-OBX-BXX

○	×	○
×		○
×	×	

OXO-XBO-XXB

○	×	×
×		×
○	○	

OXX-XBX-OOB

×	×	
×		○
○	×	○

XXB-XBO-OXO

×	×	○
×		×
	○	○

XXO-XBX-BOO

O plays next

×	×	○
×	○	×
	○	○

XXO-XOX-BOO

×	×	○
×		×
○	○	○

XXO-XBX-OOO

Strategy #1: Win

		X
O	X	X
O	X	O

BBX-OXX-OXO

	O	O
	X	X
X	X	O

BOO-BXX-XXO

O	O	
X	X	
O	X	X

OOB-XXB-OXX

O	X	O
O	X	X
		X

OXO-OXX-BBX

O	X	O
X	X	O
X		

OXO-XXO-XBB

O	X	X
X	X	
O	O	

OXX-XXB-OOB

X		
X	X	O
O	X	O

XBB-XXO-OXO

X	X	O
	X	X
	O	O

XXO-BXX-BOO

O plays next

X	X	O
O	X	X
	O	O

XXO-OXX-BOO

X	X	O
	X	X
O	O	O

XXO-BXX-OOO

Strategy #1: Win

	X	O
X	O	X
X		O

BXO-XOX-XBO

	X	X
X	O	
O	X	O

BXX-XOB-OXO

O		X
X	O	X
O	X	

OBX-XOX-OXB

O	X	
X	O	X
O		X

OXB-XOX-OBX

O	X	O
	O	X
X	X	

OXO-BOX-XXB

O	X	O
X	O	
	X	X

OXO-XOB-BXX

X		O
X	O	X
	X	O

XBO-XOX-BXO

X	X	
	O	X
O	X	O

XXB-BOX-OXO

O plays next

X	O	O
X	O	X
	X	O

XOO-XOX-BXO

X		O
X	O	X
O	X	O

XBO-XOX-OXO

Strategy #1: Win

○		×
×	×	
○	×	○

OBX-XXB-OXO

○	×	○
	×	×
×		○

OXO-BXX-XBO

○	×	○
×	×	
○		×

OXO-XXB-OBX

×		○
	×	×
○	×	○

XBO-BXX-OXO

O plays next

×	○	○
	×	×
○	×	○

XOO-BXX-OXO

×		○
○	×	×
○	×	○

XBO-OXX-OXO

Strategy #2: Block

	○	○
×	○	×
×	×	

BOO-XOX-XXB

	×	○
×	○	○
×	×	

BXO-XOO-XXB

	×	×
○	○	×
○	×	

BXX-OOX-OXB

	×	×
×	○	×
○	○	

BXX-XOX-OOB

○	○	
×	○	×
	×	×

OOB-XOX-BXX

○	×	
○	○	×
	×	×

OXB-OOX-BXX

×	×	
×	○	○
	×	○

XXB-XOO-BXO

×	×	
×	○	×
	○	○

XXB-XOX-BOO

O plays next

×	×	○
×	○	○
	×	○

XXO-XOO-BXO

×	×	
×	○	○
○	×	○

XXB-XOO-OXO

Strategy #1: Win

BOO-XXO-XXB

	○	○
×	×	○
×	×	

BOO-XXO-XXB

	×	×
○	×	×
○	○	

BXX-OXX-OOB

○	○	
○	×	×
	×	×

OOB-OXX-BXX

×	×	
×	×	○
	○	○

XXB-XXO-BOO

O plays next

×	×	○
×	×	○
	○	○

XXO-XXO-BOO

×	×	
×	×	○
○	○	○

XXB-XXO-OOO

Strategy #1: Win

	X	
X	O	X
O	X	O

BXB-XOX-OXO

	X	O
X	O	X
	X	O

BXO-XOX-BXO

O	X	
X	O	X
O	X	

OXB-XOX-AXB

O	X	O
X	O	X
	X	

OXO-XOX-BXB

O plays next

O	X	O
X	O	X
O	X	

OXO-XOX-AXB

O	X	O
X	O	X
	X	O

OXO-XOX-BXO

Strategy #1: Win

BXO-XBX-OXO

	X	O
X		X
O	X	O

BXO-XBX-OXO

O	X	
X		X
O	X	O

OXB-XBX-OXO

O	X	O
X		X
	X	O

OXO-XBX-BOX

O	X	O
X		X
O	X	

OXO-XBX-AXB

X O plays next

O	X	O
X	O	X
O	X	

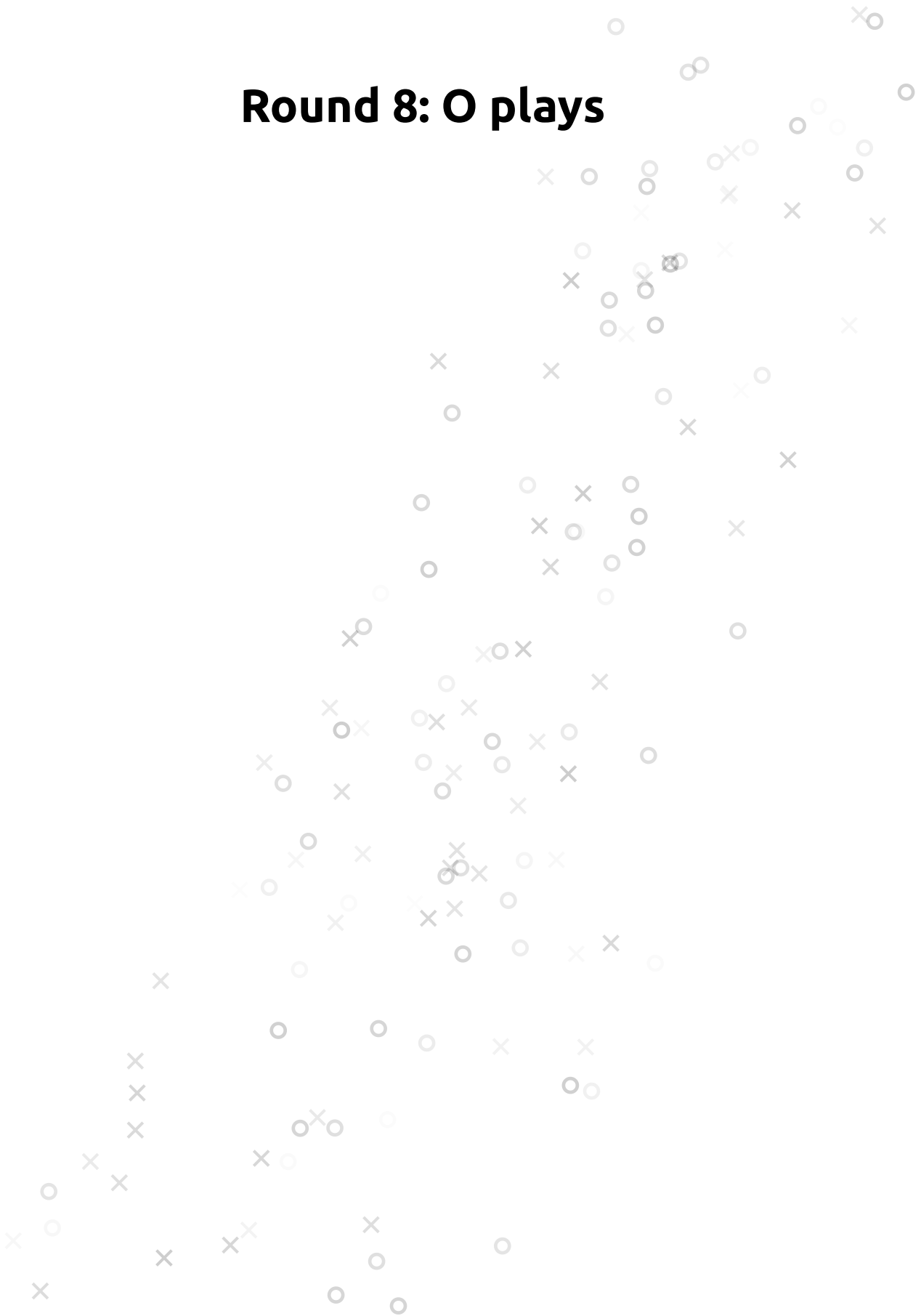
OXO-XOX-AXB

O	X	O
X		X
O	X	O

OXO-XBX-OXO

Strategy #1: Win

Round 8: O plays



	○	×
×	×	○
○	○	×

BOX-XXO-OOX

	×	○
○	×	○
×	○	×

BXO-OXO-XOX

○	○	×
×	×	○
	○	×

OOX-XXO-BOX

○	×	
○	×	○
×	○	×

OXB-OXO-XOX

×	○	
○	×	×
×	○	○

XOB-OXX-XOO

×	○	○
○	×	×
×	○	

XOO-OXX-XOB

×	○	×
○	×	○
	×	○

XOX-OXO-BXO

×	○	×
○	×	○
○	×	

XOX-OXO-OXB

X plays next

×	○	×
○	×	○
○	×	×

XOX-OXO-OXX

Strategy #1: Win

	○	○
×	×	○
×	○	×

BOO-XXO-XOX

	×	×
○	×	○
○	○	×

BXX-OXO-OOX

○	○	
○	×	×
×	○	×

OOB-OXX-XOX

○	○	×
○	×	○
	×	×

OOX-OXO-BXX

×	○	○
○	×	○
×	×	

XOO-OXO-XXB

×	○	×
○	×	×
○	○	

XOX-OXX-OOB

×	○	×
×	×	○
	○	○

XOX-XXO-BOO

×	×	
○	×	○
×	○	○

XXB-OXO-XOO

X plays next

×	○	×
○	×	×
○	○	×

XOX-OXX-OOX

Strategy #1: Win

○		○
○	×	×
×	○	×

OBO-OXX-XOX

○		○
×	×	○
×	○	×

OBO-XXO-XOX

○	○	×
	×	○
○	×	×

OOX-BXO-OXX

○	×	×
	×	○
○	○	×

OXX-BXO-OOX

×	○	○
○	×	
×	×	○

XOO-OXB-XXO

×	○	×
○	×	×
○		○

XOX-OXX-OBO

×	○	×
×	×	○
○		○

XOX-XXO-OBO

×	×	○
○	×	
×	○	○

XXO-OXB-XOO

X plays next

×	○	×
○	×	×
○	×	○

XOX-OXX-OXO

Strategy #8: Play in an empty middle square on any of the four sides

OBX-XXO-OOX

○		×
×	×	○
○	○	×

OBX-XXO-OOX

○	○	×
×	×	○
○		×

OOX-XXO-OBX

○	×	○
	×	○
×	○	×

OXO-BXO-XOX

○	×	○
○	×	
×	○	×

OXO-○XB-XOX

×		○
○	×	×
×	○	○

XBO-○XX-XOO

×	○	○
○	×	×
×		○

XOO-○XX-XBO

×	○	×
	×	○
○	×	○

XOX-BXO-○XO

×	○	×
○	×	
○	×	○

XOX-○XB-○XO

X plays next

×	○	×
○	×	×
○	×	○

XOX-○XX-○XO

Strategy #8: Play in an empty middle square on any of the four sides

	○	○
○	×	×
×	○	×

BOO-OXX-XOX

	○	×
○	×	○
○	×	×

BOX-OXO-OXX

○	○	
×	×	○
×	○	×

OOB-XXO-XOX

○	×	×
○	×	○
	○	×

OXX-OXO-BOX

×	○	
○	×	○
×	×	○

XOB-OXO-XXO

×	○	×
○	×	×
	○	○

XOX-OXX-BOO

×	○	×
×	×	○
○	○	

XOX-XXO-OOB

×	×	○
○	×	○
×	○	

XXO-OXO-XOB

X plays next

×	○	×
○	×	×
×	○	○

XOX-OXX-XOO

Strategy #1: Win

○		×
×	○	○
×	○	×

OBX-XOO-XOX

○	×	×
	○	○
×	○	×

OXX-BOO-XOX

×		○
○	○	×
×	○	×

XBO-OOX-XOX

×	○	×
	○	○
○	×	×

XOX-BOO-OXX

×	○	×
○	○	
×	×	○

XOX-OOB-XXO

×	○	×
○	○	×
×		○

XOX-OOX-XBO

×	○	×
×	○	○
○		×

XOX-XOO-OBX

×	×	○
○	○	
×	○	×

XXO-OOB-XOX

X plays next

×	○	×
○	○	×
×	×	○

XOX-OOX-XXO

Strategy #8: Play in an empty middle square on any of the four sides

	X	O
X	O	O
X	O	X

BXO-XOO-XOX

	X	X
X	O	O
O	O	X

BXX-XOO-OOX

O	O	X
X	O	O
	X	X

OOX-XOO-BXX

O	X	
O	O	X
X	O	X

OXB-OOX-XOX

X	O	O
O	O	X
X	X	

XOO-OOX-XXB

X	O	X
O	O	X
O	X	

XOX-OOX-OBX

X	O	X
X	O	O
	X	O

XOX-XOO-BXO

X	X	
O	O	X
X	O	O

XXB-OOX-XOO

X plays next

X	O	X
O	O	X
O	X	X

XOX-OOX-OXX

Strategy #1: Win

	○	×
×	○	○
○	×	×

BOX-XOO-OXX

	×	○
○	○	×
×	○	×

BXO-OOX-XOX

○	×	
×	○	○
×	○	×

OXB-XOO-XOX

○	×	×
×	○	○
	○	×

OXX-XOO-BOX

×	○	
○	○	×
×	×	○

XOB-OOX-XXO

×	○	×
○	○	×
	×	○

XOX-OOX-BXO

×	○	×
×	○	○
○	×	

XOX-XOO-OXB

×	×	○
○	○	×
×	○	

XXO-OOX-XOB

X plays next

×	○	×
○	○	×
×	×	○

XOX-OOX-XXO

Strategy #7: Play in any empty corner

○	○	×
×		○
○	×	×

OOX-XBO-OXX

○	×	○
○		×
×	○	×

OXO-OBX-XOX

○	×	○
×		○
×	○	×

OXO-XBO-XOX

○	×	×
×		○
○	○	×

OXX-XBO-OOX

×	○	○
○		×
×	×	○

XOO-OBX-XXO

×	○	×
○		×
○	×	○

XOX-OBX-OXO

×	○	×
×		○
○	×	○

XOX-XBO-OXO

×	×	○
○		×
×	○	○

XXO-OBX-XOO

X plays next

×	○	×
○	×	×
○	×	○

XOX-OXX-OXO

Strategy #5: Play in the center

○	○	×
×		○
×	○	×

OOX-XBO-XOX

○	×	×
○		○
×	○	×

OXX-OBO-XOX

×	○	○
○		×
×	○	×

XOO-OBX-XOX

×	○	×
○		○
○	×	×

XOX-OBO-OXX

×	○	×
○		○
×	×	○

XOX-OBO-XXO

×	○	×
○		×
×	○	○

XOX-OBX-XOO

×	○	×
×		○
○	○	×

XOX-XBO-OOX

×	×	○
○		○
×	○	×

XXO-OBO-XOX

X plays next

×	○	×
○	×	×
×	○	○

XOX-OXX-XOO

Strategy #1: Win

XOX-OBO-XOX

X	O	X
O		O
X	O	X

XOX-OBO-XOX

X plays next

X	O	X
O	X	O
X	O	X

XOX-OXO-XOX

Strategy #1: Win

○	○	×
×	○	○
×		×

OOX-XOO-XBX

○	×	×
○	○	
×	○	×

OXX-OOB-XOX

×		×
○	○	×
×	○	○

XBX-OOX-XOO

×		×
×	○	○
○	○	×

XBX-XOO-OOX

×	○	○
○	○	×
×		×

XOO-OOX-XBX

×	○	×
	○	○
×	×	○

XOX-BOO-XXO

×	○	×
○	○	
○	×	×

XOX-OOB-OXX

×	×	○
	○	○
×	○	×

XXO-BOO-XOX

X plays next

×	○	×
○	○	×
○	×	×

XOX-OOX-OXX

Strategy #1: Win

OBO-XOX-XOX

○		○
×	○	×
×	○	×

OBO-XOX-XOX

○	×	×
	○	○
○	×	×

OXX-BOO-OXX

×	○	×
×	○	×
○		○

XOX-XOX-OBO

×	×	○
○	○	
×	×	○

XXO-OOB-XXO

X plays next

×	○	×
×	○	×
○	×	○

XOX-XOX-OXO

Strategy #8: Play in an empty middle square on any of the four sides

○		×
×	○	○
○	×	×

OBX-XOO-OXX

○	×	○
	○	×
×	○	×

OXO-BOX-XOX

○	×	○
×	○	
×	○	×

OXO-XOB-XOX

○	×	×
×	○	○
○		×

OXX-XOO-OBX

×		○
○	○	×
×	×	○

XBO-OOX-XXO

×	○	×
	○	×
○	×	○

XOX-BOX-OXO

×	○	×
×	○	
○	×	○

XOX-XOB-OXO

×	×	○
○	○	×
×		○

XXO-OOX-XBO

X plays next

×	○	×
×	○	×
○	×	○

XOX-XOX-OXO

Strategy #8: Play in an empty middle square on any of the four sides

	○	○
×	×	○
○	×	×

BOO-XXO-OXX

	×	○
○	×	×
○	○	×

BXO-OXX-OOX

○	○	
○	×	×
×	×	○

OOB-OXX-XXO

○	○	×
○	×	×
	×	○

OOX-OXX-BXO

○	×	
×	×	○
×	○	○

OXB-XXO-XOO

○	×	×
×	×	○
	○	○

OXX-XXO-BOO

×	○	○
×	×	○
○	×	

XOO-XXO-OXB

×	×	○
○	×	×
○	○	

XXO-OXX-OOB

X plays next

×	○	○
×	×	○
○	×	×

XOO-XXO-OXX

Strategy #1: Win

○		○
○	×	×
×	×	○

OBO-OXX-XXO

○		○
×	×	○
○	×	×

OBO-XXO-OXX

○	○	×
	×	×
○	×	○

OOX-BXX-OXO

○	×	○
	×	×
○	○	×

OXO-BXX-OOX

○	×	○
×	×	
×	○	○

OXO-XXB-XOO

○	×	×
×	×	○
○		○

OXX-XXO-OBO

×	○	○
×	×	
○	×	○

XOO-XXB-OXO

×	×	○
○	×	×
○		○

XXO-OXX-OBO

X plays next

×	○	○
×	×	×
○	×	○

XOO-XXX-OXO

Strategy #1: Win

	X	O
X	O	X
X	O	O

BXO-XOX-XOO

	X	X
X	O	O
O	X	O

BXX-XOO-OXO

O	O	X
X	O	X
O	X	

OOX-XOX-OXB

O	X	
X	O	X
O	O	X

OXB-XOX-OOX

O	X	O
O	O	X
X	X	

OXO-OOX-XXB

O	X	O
X	O	O
	X	X

OXO-XOO-BXX

X	O	O
X	O	X
	X	O

XOO-XOX-BXO

X	X	
O	O	X
O	X	O

XXB-OOX-OXO

X plays next

X	O	O
X	O	X
X	X	O

XOO-XOX-XXO

Strategy #1: Win

OOX-XXB-OXO

○	○	×
×		×
○	×	○

OOX-XXB-OXO

○	×	○
○		×
×	×	○

OXO-OBX-XXO

○	×	○
×		○
○	×	×

OXO-XBO-OXX

○	×	○
×		×
○	○	×

OXO-XXB-OOX

○	×	○
×		×
×	○	○

OXO-XXB-XOO

○	×	×
×		○
○	×	○

OXX-XBO-OXO

×	○	○
×		×
○	×	○

XOO-XXB-OXO

×	×	○
○		×
○	×	○

XXO-OBX-OXO

X plays next

×	○	○
×	×	×
○	×	○

XOO-XXX-OXO

Strategy #1: Win

OOX-XXB-XOO

○	○	×
×		×
×	○	○

OOX-XXB-XOO

○	×	×
○		○
×	×	○

OXX-OBO-XXO

×	○	○
×		×
○	○	×

XOO-XXB-OOX

×	×	○
○		○
○	×	×

XXO-OBO-OXX

X plays next

×	○	○
×	×	×
○	○	×

XOO-XXX-OOX

Strategy #1: Win

BXX-XOO-XOO

	X	X
X	O	O
X	O	O

BXX-XOO-XOO

O	O	X
O	O	X
X	X	

OOX-OOX-XXB

X	O	O
X	O	O
	X	X

XOO-XOO-BXX

X	X	
O	O	X
O	O	X

XXB-OOX-OOX

X plays next

X	O	O
X	O	O
X	X	X

XOO-XOO-XXX

Strategy #1: Win

OOX-OBX-XXO

○	○	×
○		×
×	×	○

OOX-OBX-XXO

○	×	×
×		○
×	○	○

OXX-XBO-XOO

×	○	○
×		○
○	×	×

XOO-XBO-OXX

×	×	○
○		×
○	○	×

XXO-OBX-OOX

X plays next

×	○	○
×	×	○
○	×	×

XOO-XXO-OXX

Strategy #1: Win

	○	×
×	○	×
○	×	○

BOX-XOX-OXO

	×	○
○	○	×
×	×	○

BXO-OOX-XXO

○	×	
×	○	○
○	×	×

OXB-XOO-OXX

○	×	○
×	○	×
	○	×

OXO-XOX-BOX

○	×	○
×	○	×
×	○	

OXO-XOX-XOB

○	×	×
×	○	○
○	×	

OXX-XOO-OXB

×	○	
×	○	×
○	×	○

XOB-XOX-OXO

×	×	○
○	○	×
	×	○

XXO-OOX-BXO

X plays next

×	○	×
×	○	×
○	×	○

XOX-XOX-OXO

Strategy #7: Play in any empty corner

BOX-OOX-XXO

	○	×
○	○	×
×	×	○

BOX-OOX-XXO

○	×	×
×	○	○
×	○	

OXX-XOO-XOB

×	○	
×	○	○
○	×	×

XOB-XOO-OXX

×	×	○
○	○	×
	○	×

XXO-OOX-BOX

X plays next

×	○	×
×	○	○
○	×	×

XOX-XOO-OXX

Strategy #6: If the opposing player just played a corner, and the opposite corner is available, play in the opposite corner

BOO-OXX-XXO

	○	○
○	×	×
×	×	○

BOO-OXX-XXO

	○	×
○	×	×
○	×	○

BOX-OXX-OXO

○	○	
×	×	○
○	×	×

OOB-XXO-OXX

○	×	○
○	×	×
	○	×

OXO-OXX-BOX

○	×	○
×	×	○
×	○	

OXO-XXO-XOB

○	×	×
×	×	○
○	○	

OXX-XXO-OOB

×	○	
×	×	○
○	×	○

XOB-XXO-OXO

×	×	○
○	×	×
	○	○

XXO-OXX-BOO

X plays next

×	○	×
×	×	○
○	×	○

XOX-XXO-OXO

Strategy #7: Play in any empty corner

BXO-XXO-OOX

	X	O
X	X	O
O	O	X

BXO-XXO-OOX

O	O	X
X	X	O
	X	O

OOX-XXO-BXO

O	X	
O	X	X
X	O	O

OXB-OXX-XOO

X	O	O
O	X	X
O	X	

XOO-OXX-OXB

X plays next

X	O	O
O	X	X
O	X	X

XOO-OXX-OXX

Strategy #1: Win

	○	×
×	×	○
○	×	○

BOX-XXO-OXO

	×	○
○	×	×
×	○	○

BXO-OXX-XOO

○	○	×
×	×	○
○	×	

OOX-XXO-AXB

○	×	
×	×	○
○	○	×

AXB-XXO-OOX

○	×	○
○	×	×
×	○	

OXO-OXX-AXB

○	×	○
×	×	○
	○	×

OXO-XXO-AXB

×	○	
○	×	×
○	×	○

XOB-OXX-OXO

×	○	○
○	×	×
	×	○

XOO-OXX-AXB

X plays next

×	○	○
○	×	×
×	×	○

XOO-OXX-XXO

Strategy #7: Play in any empty corner

OBX-XXO-OXO

○		×
×	×	○
○	×	○

OBX-XXO-OXO

○	○	×
×	×	
○	×	○

OOX-XXB-OXO

○	×	○
	×	×
×	○	○

OXO-BXX-XOO

○	×	○
○	×	×
×		○

OXO-OXX-XBO

○	×	○
×	×	
○	○	×

OXO-XXB-OOX

○	×	○
×	×	○
○		×

OXO-XXO-OBX

×		○
○	×	×
○	×	○

XBO-OXX-OXO

×	○	○
	×	×
○	×	○

XOO-BXX-OXO

X plays next

×	○	○
×	×	×
○	×	○

XOO-XXX-OXO

Strategy #1: Win

OOX-XXB-OOX

○	○	×
×	×	
○	○	×

OOX-XXB-OOX

○	×	○
○	×	○
×		×

OXO-OXO-XXB

×		×
○	×	○
○	×	○

XXB-OXO-OXO

×	○	○
	×	×
×	○	○

XOO-BXX-XOO

X plays next

×	○	○
×	×	×
×	○	○

XOO-XXX-XOO

Strategy #1: Win

OOX-XOB-OXX

○	○	×
×	○	
○	×	×

OOX-XOB-OXX

○	×	○
○	○	×
×		×

OXO-OOX-XBX

○	×	○
×	○	○
×		×

OXO-XOO-XBX

○	×	×
×	○	
○	○	×

OXX-XOB-OOX

×		×
○	○	×
○	×	○

XBX-OOX-OXO

×		×
×	○	○
○	×	○

XBX-XOO-OXO

×	○	○
	○	×
×	×	○

XOO-BOX-XXO

×	×	○
	○	×
×	○	○

XXO-BOX-XOO

X plays next

×	○	○
×	○	×
×	×	○

XOO-XOX-XXO

Strategy #1: Win

	○	×
×	○	○
×	×	○

BOX-XOO-XXO

	×	×
○	○	×
×	○	○

BXX-OOX-XOO

○	○	×
×	○	○
×	×	

OOX-XOO-XXB

○	×	×
○	○	×
×	○	

OXX-OOX-XOB

×	○	
○	○	×
○	×	×

XOB-OOX-OXX

×	○	○
○	○	×
	×	×

XOO-OOX-BXX

×	×	
×	○	○
○	○	×

XXB-XOO-OOX

×	×	○
×	○	○
	○	×

XXO-XOO-BOX

X plays next

×	○	○
○	○	×
×	×	×

XOO-OOX-XXX

Strategy #1: Win

OOX-XBO-XXO

○	○	×
×		○
×	×	○

OOX-XBO-XXO

○	×	×
○		×
×	○	○

OXX-OBX-XOO

×	○	○
○		×
○	×	×

XOO-OBX-OXX

×	×	○
×		○
○	○	×

XXO-XBO-OOX

X plays next

×	○	○
○	×	×
○	×	×

XOO-OXX-OXX

Strategy #1: Win

	○	○
×	○	×
×	×	○

BOO-XOX-XXO

	×	×
○	○	×
○	×	○

BXX-OOX-OXO

○	○	
×	○	×
○	×	×

OOB-XOX-OXX

○	×	○
○	○	×
	×	×

OXO-OOX-BXX

○	×	○
×	○	○
×	×	

OXO-XOO-XXB

○	×	×
×	○	×
○	○	

OXX-XOX-OOB

×	×	
×	○	○
○	×	○

XXB-XOO-OXO

×	×	○
×	○	×
	○	○

XXO-XOX-BOO

X plays next

×	×	○
×	○	×
×	○	○

XXO-XOX-XOO

Strategy #1: Win

BOO-OXX-OXX

	○	○
○	×	×
○	×	×

BOO-OXX-OXX

○	○	
×	×	○
×	×	○

OOB-XXO-XXO

○	×	×
○	×	×
	○	○

OXX-OXX-BOO

×	×	○
×	×	○
○	○	

XXO-XXO-OOB

X plays next

×	×	○
×	×	○
○	○	×

XXO-XXO-OOX

Strategy #1: Win

OXO-**XB**X-OXO

○	×	○
×		×
○	×	○

OXO-**XB**X-OXO

X plays next

○	×	○
×	×	×
○	×	○

OXO-**XXX**-OXO

Strategy #1: Win

