

## Formula sheet **A** for Formula Player

(Follow these steps for determining where to play “O”. When it’s your turn to play, always start from Step 1 then move down the list until you find a playable step.)

**Step 1: Play in Center:** If center is open put “O” there.

**Step 2: Look for Win:** If I have 2 O’s in the same line, and if the 3rd square in that line is open, play in the 3rd square and win. Hint: Lines can be horizontal, vertical, or diagonal

**Step 3: Look for Block:** If my opponent has 2 X’s in the same line, and if the 3rd square in that line is open, play in the 3rd square to block. Hint: Lines can be horizontal, vertical, or diagonal

**Step 4: Play in Corner:** Play in the lowest numbered corner square that is open (see diagram)

<b>1</b>		<b>2</b>
<b>3</b>		<b>4</b>

**Step 5: Play in Side:** Play in the lowest numbered side square that is open (see diagram)

	<b>1</b>	
<b>2</b>		<b>3</b>
	<b>4</b>	

## Formula sheet **B** for Formula Player

(Follow these steps for determining where to play "O". When it's your turn to play, always start from Step 1 then move down the list until you find a playable step.)

**Step 1: Play in Side:** Play in the lowest numbered side square that is open (see diagram)

	1	
2		3
	4	

**Step 2: Play in Corner:** Play in the lowest numbered corner square that is open (see diagram)

1		2
3		4

**Step 3: Play in Center:** If center is open, play there.

**Step 4: Look for Win:** If I have 2 O's in the same line, and the 3rd square in that line is open, play in the 3rd square and win. Hint: Lines can be horizontal, vertical, or diagonal

**Step 5: Look for Block:** If my opponent has 2 X's in the same line, and if the 3rd square in that line is open, play in the 3rd square to block. Hint: lines can be horizontal, vertical, or diagonal