

# Exercise #2 [option 2] - How to play tic-tac-toe

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## How to play tic-tac-toe

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Tic-tac-toe is a two-player strategy game that can be played in just a few minutes with a pen and paper.

### Set up

A game of tic-tac-toe is set up by first drawing a 3x3 grid. Next, each player must choose either the **x** character or the **o** character.

**Tip:** If players can't decide who gets to be what character, they can flip a coin.

### Gameplay

Player **x** always goes first and draws their character inside any space that is inside the 3x3 grid. When a grid space contains a player's character, the opposing player cannot draw over it. Players alternate turns until there is a winner or the grid is full—whichever comes first.

### Objective

To win a game of tic-tac-toe, a player needs to draw three of their chosen character in a continuous line across the 3x3 grid. This line can appear horizontally, vertically, or diagonally. In the following example, **x** has won the game because they have a diagonal line.

X	O	
	X	
	O	X

The game is a draw if the grid is full and no player was able to create a continuous line.