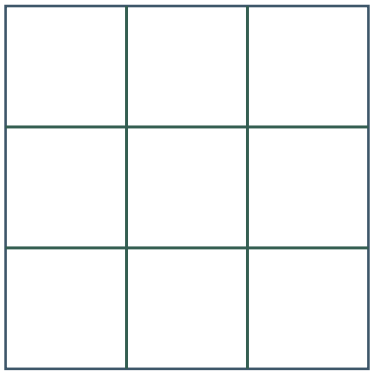
Printable Paper Games

Reference | Reusable reference | LETTER

Use the empty grid to play a new game.

Tic-tac-toe

Player names _____



1. X starts. Take turns.
2. Mark an empty square.
3. Three in a line wins.
4. Full with no line is a draw.

Finished example

X	X	X
O	O	

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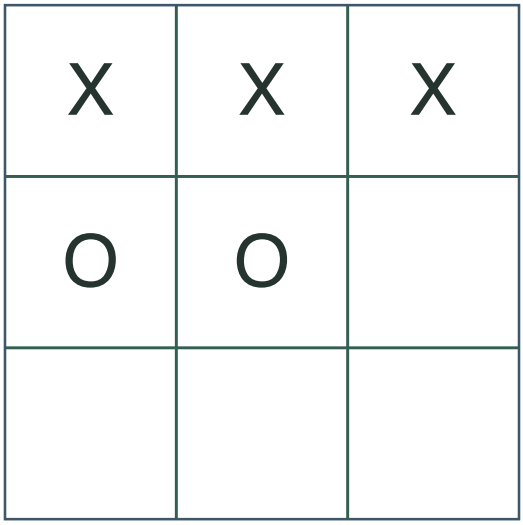
Reference I Worked example I LETTER

Original prompt

Show a finished tic-tac-toe game on a three-by-three grid where X wins on the top row, and state the check that proves the win.



Answer

Top row: X, X, X. Middle row: O, O, empty. Bottom row: empty, empty, empty. Check: the top row holds three X marks in a line, so X wins.

Reasoning

Each turn fills one empty square with the player's mark. When the top row became X, X, X, a complete line of one mark existed, which is the win condition.

Check

Read each row, column, and diagonal and confirm whether any line holds three identical marks; here the top row does.