

Work Place 1A Instructions



WORK PLACE

15-Tac-Toe

Each pair of students will need

- ★ Work Place 1A Instructions (Work Place Student Book, page 3)
- ★ 15-Tac-Toe Record Sheet, pages 1–3 (Work Place Student Book, pages 4–6)

Instructions for 15-Tac-Toe

1 This game is played like tic-tac-toe, but instead of using X's and O's, you use the digits 1 through 9 to try to get a row that adds up to 15. Use whatever method you like to decide who will go first (flip a coin, roll a die, use Rock, Paper, Scissors). That person is Player 1.

2 Player 1 can only use the numbers 1, 3, 5, 7, and 9. Player 1 can use each number only once. On Player 1's first turn, he or she writes one of those numbers in any of the spaces on the tic-tac-toe grid and crosses it out on his or her list of numbers.

3 Player 2 can only use the numbers 2, 4, 6, and 8. Player 2 can use each number only once. On Player 2's first turn, he or she writes one of those numbers on the grid and crosses it out.

4 Players take turns until one player makes a straight row—vertical, horizontal, or diagonal—in which the numbers add up to 15. That player wins the game. (If no row adds to 15 when the grid is filled, the game is a tie.)

5 After each game, switch who goes first and who goes second.

Work Place Student Book
 NAME _____ DATE _____

1A 15-Tac-Toe Record Sheet page 1 of 3

Use the grids below to record 4 games. Then answer the question at the bottom of this page. There is room for more games on the next two pages.

	Grid	Player 1's Numbers	Player 2's Numbers
Game 1		1 3 7 9	2 4 6 8
Game 2		1 3 5 7 9	2 4 6 8
Game 3		1 3 5 7 9	2 4 6 8
Game 4		1 3 5 7 9	2 4 6 8

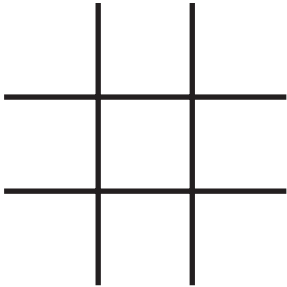
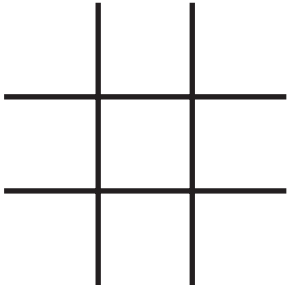
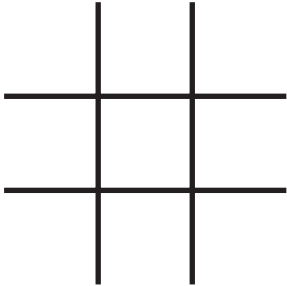
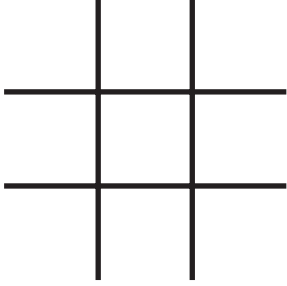
What advice would you give someone about how to win this game (things to do and things *not* to do)?

NAME _____

DATE _____

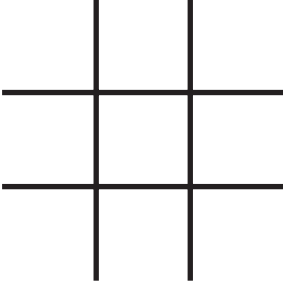
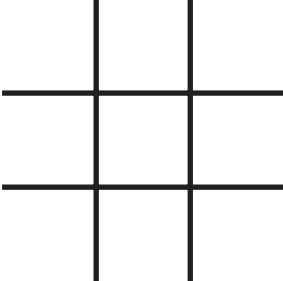
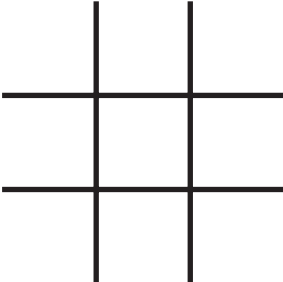
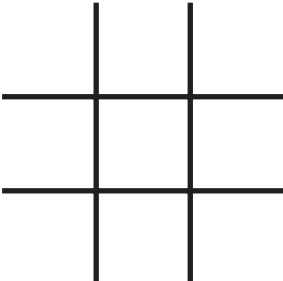
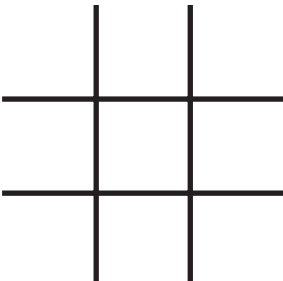
1A 15-Tac-Toe Record Sheet page 1 of 3

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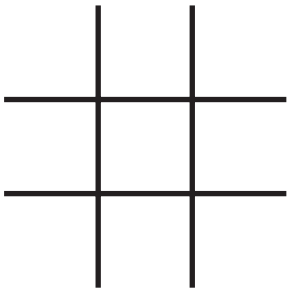
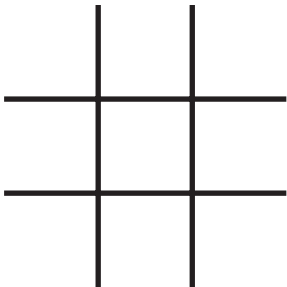
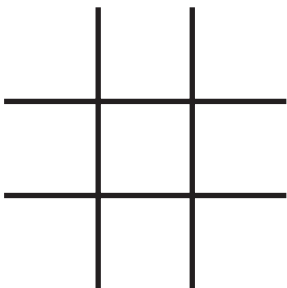
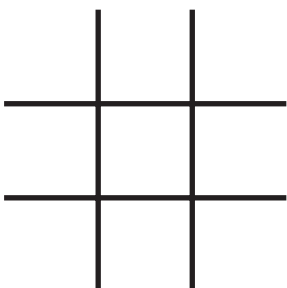
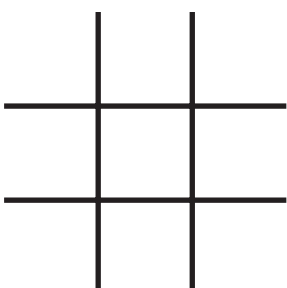
1A 15-Tac-Toe Record Sheet page 2 of 3

	Grid	Player 1's Numbers	Player 2's Numbers
Game 1		1 3 5 7 9	2 4 6 8
Game 2		1 3 5 7 9	2 4 6 8
Game 3		1 3 5 7 9	2 4 6 8
Game 4		1 3 5 7 9	2 4 6 8
Game 5		1 3 5 7 9	2 4 6 8

NAME _____

DATE _____

1A 15-Tac-Toe Record Sheet page 3 of 3

	Grid	Player 1's Numbers	Player 2's Numbers
Game 1		1 3 5 7 9	2 4 6 8
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