



Work Place Instructions 1E Products Four in a Row

Each pair of players needs:

- a 1E Products Four in a Row Record Sheet to share
- 2 game markers of the same color to share
- 2 pencils

- 1 Players decide who is going first and who will be X or O.
- 2 The circled numbers along the left side of the record sheet are factors. Player 1 places a game marker on one of the factors.
- 3 Player 2 chooses a second factor by placing the other game marker on a factor. Player 2 draws an X on the product of that factor pair and writes the matching equation in her column of the record sheet.

Player 1 I choose 5 and O's.

Player 2 I choose 7 and X's. So I will draw an X on 35 because 5×7 is 35.

	25	27	28	30	32	35
4	36	40	42	45	48	49
5	54	56	63	64	72	81
6	Player 1			Player 2		
7				$5 \times 7 = 35$		

- 4 Player 1 moves one factor marker to get a new product.

Player 1 I'm moving the factor marker from the 7 to the 4. Since 4×5 is 20, I put an O on 20.

	15	16	18	20	21	24
3	25	27	28	30	32	35
4	36	40	42	45	48	49
5	54	56	63	64	72	81
6	Player 1			Player 2		
	$4 \times 5 = 20$			$5 \times 7 = 35$		

- 5 Play continues until a player gets four products in a row, across, up and down, or diagonally.
- 6 Only one of the game markers can be moved during a turn. After choosing a new factor, if the product of the two factors is already marked by an O or an X, the player loses that turn.
- 7 A marker can be moved so that both markers are on the same factor. For example, if both markers are on 3, the player would mark the product 9 because $3 \times 3 = 9$.

Game Variations

- A If the player makes a product that is already covered, she can try again.
- B Players use the 1E Products Four in a Row Record Sheet, Variation to play with a game board with fewer factors and fewer products.

