MULTIPLICATION CONNECT FOUR



Players: 2

Supplies:

Multiplication Connect Four Game Board; 2 paper clips, 2 different color chips (20 of each color),

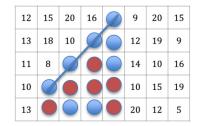
Objective: To place four of the same color chips in a row (across, up and down, or diagonally).

How to Play:

- 1. Decide who goes first.
- 2. Player 1 places a paper clip on any number on the bottom strip.
- 3. Player 2 places a paper clip on any number on the bottom strip. Then Player 2 multiplies the two numbers with paper clips and places their chips on that number (product) on the game board. (Example: If Player 1's clip is on 4 and Player 2's clip is on 5, then Player 2 will multiply 4 x 5 and place their chip on the product, which is 20.)
- 4. Next, Player 1 moves one of the paper clips, multiplies the two numbers, and places their game piece on that number (product) on the board.
 - a. Once a chip is placed on the game board, it cannot be moved or replaced.
 - b. You can have two paper clips on the same number on the bottom strip.
- 5. Play continues until one player has four of their chips in a row on the board (across, up and down, or diagonally), without any of the opposite chips in between their four chips.
- 6. The first player with four game chips in a row wins.

Examples:

| 12 | 15 | 20 | 16 | 7 | Ф | 20 | 15 |
|----|----|----|----|----|---|----|----|
| 13 | 18 | 10 | 20 | 15 | | 19 | 9 |
| 11 | 8 | 17 | 13 | 18 | Φ | 10 | 16 |
| 10 | 6 | 14 | 11 | 9 | • | | 19 |
| 13 | 16 | 4 | | | | | |



| 12 | 15 | 20 | 16 | 7 | 9 | 20 | 15 |
|----|----|----|----|----|-------------|----|----|
| 13 | 18 | 10 | 20 | 15 | 12 | 19 | 9 |
| 11 | 8 | 17 | 13 | 18 | 14 | 10 | 16 |
| 10 | - | | | | - 10 | 15 | 19 |
| | | | | | 20 | 12 | 5 |

Non-Examples:

| 12 | 15 | 20 | 16 | 7 | 20 | 15 |
|----|----|----|----|---|----|----|
| 13 | 18 | 10 | 20 | Ø | 19 | 9 |
| 11 | 8 | 17 | Ø | | 10 | 16 |
| 10 | 6 | Ø | | | 15 | 19 |
| 13 | Q | | | | 12 | 5 |

| 12 | 15 | 20 | 16 | 7 | 9 | 20 | 15 |
|----|----|----|----|----|----|----|----|
| 13 | 18 | 10 | 20 | 15 | 12 | 19 | 9 |
| 11 | 8 | | 13 | 18 | 14 | 10 | 16 |
| | - | | 0 | | 10 | 15 | 19 |
| | | | | | 20 | 12 | 5 |

| 12 | 15 | 20 | 16 | 7 | 9 | 20 | 15 |
|----|----|----|----|----|----|----|----|
| 13 | 18 | | 20 | 15 | 12 | 19 | 9 |
| 11 | • | • | 13 | 18 | 14 | 10 | 16 |
| | • | • | | 9 | 10 | 15 | 19 |
| | | | | 17 | 20 | 12 | 5 |



MULTIPLICATION CONNECT FOUR GAME BOARD

| 36 | 4 | 35 | 48 | 2 |
|----|----|--------------|----|----------|
| 30 | 40 | 72 | 54 | 32 |
| 6 | 12 | 14 | 10 | 25 |
| 7 | 54 | 18 | 63 | 42 |
| 16 | 21 | 45 | 2 | ∞ |
| 64 | 36 | 27 | 24 | 26 |
| 15 | 26 | \leftarrow | 9 | 63 |
| 81 | 28 | 24 | 49 | 3 |

| 6 |
|----------|
| ∞ |
| 7 |
| 9 |
| 5 |
| 4 |
| 3 |
| 2 |
| \Box |

