



# Multiplication Make-a-Square

## How to Play

### MATERIALS:

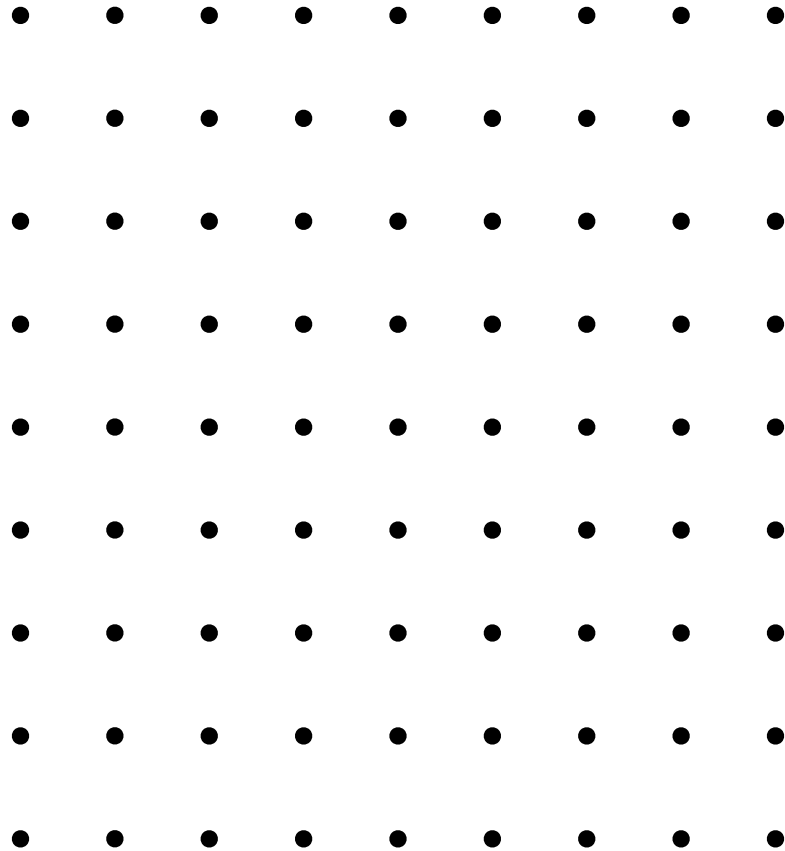
- Each pair will need a **deck of multiplication cards** (attached). Laminate the cards so they last longer.
  - **Note:** Store the cards for each factor in a different bag. If pairs are working on different factors, each partner can use a separate deck and still play together. The other partner can check the answer with a multiplication table.
- Each pair will need a **game board**
- Each partner should use a **different colored marker/pencil**.

### DIRECTIONS:

- Player 1 flips over a multiplication card to solve. Player 2 checks to make sure the answer is correct.
- If solved correctly, Player 1 makes a vertical or horizontal line connecting any two neighboring dots. If the line completes a square, the player colors in the square with her marker color and then gets another turn by flipping over another card.
- If the answer is incorrect, Player 1 loses her turn and Player 2 flips over a card to solve.
- The player with the most colored squares wins.



# Multiplication Make-a-Square Game Board



*3x and 4x cards.*

$3 \times 2$	$3 \times 3$	$3 \times 4$	$3 \times 5$	$3 \times 0$
$3 \times 6$	$3 \times 7$	$3 \times 8$	$3 \times 9$	$3 \times 1$
$3 \times 10$	$3 \times 11$	$3 \times 12$	$4 \times 1$	$4 \times 2$
$4 \times 3$	$4 \times 4$	$4 \times 5$	$4 \times 6$	$4 \times 7$
$4 \times 8$	$4 \times 9$	$4 \times 10$	$4 \times 11$	$4 \times 12$

*5x and 6x cards.*

$6 \times 1$	$6 \times 2$	$6 \times 3$	$6 \times 4$	$6 \times 5$
$6 \times 6$	$6 \times 7$	$6 \times 8$	$6 \times 9$	$6 \times 10$
$6 \times 11$	$6 \times 12$	$5 \times 0$	$5 \times 1$	$5 \times 2$
$5 \times 3$	$5 \times 4$	$5 \times 5$	$5 \times 6$	$5 \times 7$
$5 \times 8$	$5 \times 8$	$5 \times 10$	$5 \times 11$	$5 \times 12$

7x and 8x cards.

$7 \times 1$	$7 \times 2$	$7 \times 3$	$7 \times 4$	$7 \times 5$
$7 \times 6$	$7 \times 7$	$7 \times 8$	$7 \times 9$	$7 \times 10$
$7 \times 11$	$7 \times 12$	$8 \times 0$	$8 \times 1$	$8 \times 2$
$8 \times 3$	$8 \times 4$	$8 \times 5$	$8 \times 6$	$8 \times 7$
$8 \times 8$	$8 \times 9$	$8 \times 10$	$8 \times 11$	$8 \times 12$

*9x and 12x cards.*

$9 \times 1$	$9 \times 2$	$9 \times 3$	$9 \times 4$	$9 \times 5$
$9 \times 6$	$9 \times 7$	$9 \times 8$	$9 \times 9$	$9 \times 10$
$9 \times 11$	$9 \times 12$	$12 \times 0$	$12 \times 1$	$12 \times 2$
$12 \times 3$	$12 \times 4$	$12 \times 5$	$12 \times 6$	$12 \times 7$
$12 \times 8$	$12 \times 9$	$12 \times 10$	$12 \times 11$	$12 \times 12$