Multiplication Four in a Row

A game for 2 players (or 2 teams). You need: 2 paper clips and 2 colors of pencil or counters.

56	36	12	6	49	45
9	35	18	15	48	32
72	20	1	27	54	8
30	81	16	3	64	7
21	2	25	14	63	24
42	5	4	40	10	28

Factor strip: put both paper clips here

1	2	3	4	5	6	7	8	9

1. Player 1 puts both paper clips on the factor strip (they can share a number, like 4 and 4). Player 1 does not color anything yet.
2. Player 2 moves ONE paper clip to any number, multiplies the two numbers, and colors that product on the board.
3. Players take turns. Each turn, move one clip, say the multiplication fact out loud, and color the product. If it's already colored, your turn is over.
4. The first player to color 4 squares in a row (across, down or diagonally) wins.

Roll and Multiply

A dice game for 2 players. You need: 2 dice and a pencil each.

1. Take turns rolling both dice. Multiply the two numbers and say the fact out loud (for example, 4 × 6 = 24).
2. Cross out that product on YOUR board. If it's already crossed out, your turn is over.
3. The first player to cross out every number wins. Short on time? Set a timer for 10 minutes: most numbers crossed out wins.
4. Challenge: which products can only be made one way? Which product is hardest to roll, and why?

Player 1: _____

1	2	3	4	5	6	8	9	10
12	15	16	18	20	24	25	30	36

Player 2: _____

1	2	3	4	5	6	8	9	10
12	15	16	18	20	24	25	30	36

Teacher note: 4, 6 and 12 can each be rolled several ways, but 1, 9, 16, 25 and 36 can only be rolled one way (a double). That's why they're the hardest to cross out, and it makes a great discussion.