

Four in a Row

Topic: Multiplication Facts

Object: Cover four numbers in a row with your markers.

Groups: 2 pair players

Materials per group

- *Four-in-a-Row A* or *B*, p. 60 or 61
- 2 paper clips
- markers (different kind for each pair)

Directions


1. The first pair places two paper clips at the bottom of the gameboard, indicating two factors. The same pair multiplies the selected factors and places a marker on the resulting product.
2. The other pair moves only one of the paper clips to a new factor. Next this pair multiplies the two factors and places a marker on that product. (It is permissible to have two paper clips on the same factor.)
3. Play continues with pairs alternating turns, moving one paper clip each time, multiplying the factors, and placing markers on the gameboard.
4. The winner is the first pair to have four markers in a row horizontally, vertically, or diagonally.

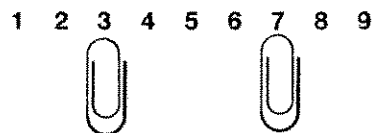
Making Connections

Promote reflection and make mathematical connections by asking:

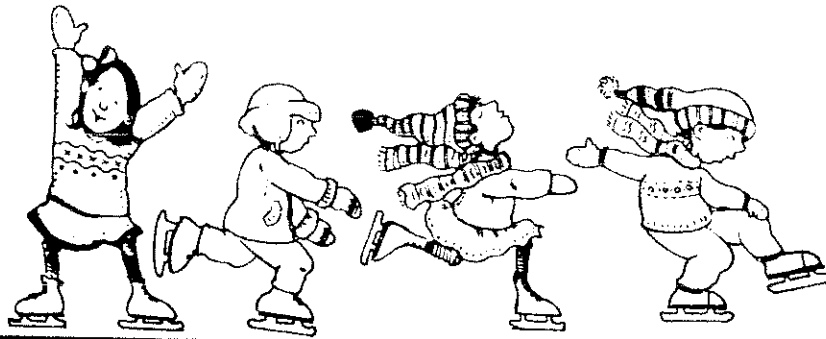
- What do you notice about the numbers used on the grid?
- What strategies helped you line up your markers in a row?

Tip For players feeling insecure with the facts, allow three markers in a row to win. The easier gameboard (A) with products to 36, page 60, helps players develop strategies.

1	2	3	4	5
6	7	8	9	10
12	14	15	16	18
20		24	25	27
28	30	32	35	36



Four-in-a-Row B



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

1 2 3 4 5 6 7 8 9