The Product Game

<u>Materials</u>:   2 paperclips, and 2 different colored game pieces (for example: coins, beans, or colored cubes. You will need several of each.)

<u>Object of the Game</u>:   To be the first to get 4 in a row, horizontally, vertically or diagonally.

<u>How to Play</u>:   The first player places the paperclips on any 2 of the 9 numbers below, multiplies the numbers (*factors*), and places a game piece on the answer (*product*) in the grid. **Factor x Factor = Product**

The second player moves <u>one</u> of the paperclips to a new factor, finds the product, and marks their product with a different color game piece. Play continues until one player has marked four products in a row, column, or diagonal.

Note: It's OK to place 2 paperclips on the same factor: (5x5=25)

 (Want to play against the computer? Try http://illuminations.nctm.org/ActivitySearch.aspx and search "product")

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