FOUR IN A ROW: MULTIPLYING SINGLE DIGIT WHOLE NUMBERS

Players: 2+

Objective: Be the first player to claim 4 spaces in a row, column, or diagonal to win the game.

Materials: Game board, 2 sets of colored counters (for the game board), 2 objects (e.g. cubes, paperclips, cut up paper) that will cover numbers in Box A and Box B

Rules: Two players alternate finding the product by choosing a factor from Box A and a factor from Box B. Players check the product (answer key provided) and, if successful, place their colored counter on a space with the appropriate product.

BOX A: FACTOR		
2	3	4
5	6	7

BOX B: FACTOR		
4	5	6
7	8	9

GAME BOARD: FIND THE PRODUCT ($A \times B$)					
8	24	32	18	48	25
35	42	10	30	18	24
20	24	21	56	35	36
15	28	63	16	12	54
42	14	45	30	49	28
27	20	36	12	40	16

FOUR IN A ROW: WHOLE NUMBER SUBTRACTION

Players: 2+

Objective: Be the first player to claim 4 spaces in a row, column, or diagonal to win the game.

Materials: Game board, 2 sets of colored counters (for the game board), 2 objects (e.g. cubes, paperclips, cut up paper) that will cover numbers in Box A and Box B

Rules: Two players alternate finding the difference by choosing a minuend from Box B and a subtrahend from Box A. (ORDER MATTERS!) Players check the difference (answer key provided) and, if successful, place their colored counter on a space with the appropriate product.

BOX A: SUBTRAHEND		
5	10	15
20	25	30

BOX B: MINUEND		
35	45	60
70	85	100

GAME BOARD: FIND THE DIFFERENCE (*B* – *A*)					
30	40	80	25	45	55
70	20	55	90	15	50
40	75	10	80	35	5
45	40	30	35	70	65
30	65	25	60	40	20
60	15	85	75	55	95

FOUR IN A ROW: ADDING DECIMALS

Players: 2+

Objective: Be the first player to claim 4 spaces in a row, column, or diagonal to win the game.

Materials: Game board, 2 sets of colored counters (for the game board), 2 objects (e.g. cubes, paperclips, cut up paper) that will cover numbers in Box A and Box B

Rules: Two players alternate finding the sum by choosing an addend from Box A and an addend from Box B. Players check the sum (answer key provided) and, if successful, place their colored counter on a space with the appropriate sum.

BOX A: ADDEND		
0.35	4	9.55
3.175	26.13	0.6

BOX B: ADDEND		
0.025	1.04	0.25
1.4	0.104	2.5

GAME BOARD: FIND THE SUM (*A* + *B*)					
9.575	6.5	0.454	27.53	4.025	1.39
0.85	3.279	2	9.654	3.1	0.375
5.4	5.04	5.675	3.2	26.155	9.8
28.63	12.05	0.6	3.425	1.75	4.215
4.575	2.85	10.95	4.25	0.625	27.17
0.704	26.237	0.64	26.38	10.59	4.104

FOUR IN A ROW ANSWER KEY

BOX B					

BOX A

FOUR IN A ROW: _____

Players: 2

Materials: Board game, 2 sets of colored counters (for the game board), 2 objects (e.g. cubes, paperclips, cut up paper) that will cover numbers in Box A and Box B

Object of the Game:

Box A		

Box B		

Game Board					