Decimals: Multiply a Decimal by a Whole Number

Name _____ Date _____

Spirals

This puzzle gives you two chances to get the right answers! Here's how. First, solve each problem and write the answers on the lines provided. Then, to spiral inward, place the numbers in the boxes indicated beside each problem. The decimal point will occupy a space. To spiral outward, and to check your answers, put your answers in the boxes indicated but spiral in the opposite direction. The numbers should match. One answer is given to get you started.

15	16	17	18	19	20	21	22
14	39	40	41	42	43	44	23
13	38	55	56	57	58	45	24
12	37	54	63	64	59	46	25
11	36	53	62	61	60	47	26
10	35	52	51	50	49	48	27
9	34	33	32	31	30	29	28
8	7	6	5	4	3	2	1

Spiral Out

Blocks	
1-5	$3.64 \times 12 = 43.68$
6-11	$2.91 \times 39 =$
12-16	$9.2 \times 13 =$
17-21	$11 \times 4.75 =$
22-26	$27 \times 22.7 =$
27-31	$4.13 \times 22 =$
32-36	$22.3 \times 27 =$
37-41	$0.91 \times 94 =$
42-46	$6.82 \times 14 =$
47-52	$83.2 \times 34 =$
53-58	$51.9 \times 28 =$
59-64	$688.7 \times 12 =$

Spiral In

Blocks	
61-64	$1.115 \times 4 =$
60-56	$47.05 \times 6 =$
55-50	$1354.7 \times 4 =$
49-47	$564 \times \times 0.5 =$
46-43	$16.9 \times 5 =$
42-38	$189.1 \times 5 =$
37-32	$40.603 \times 2 =$
31-27	$34.045 \times 2 =$
26-22	$3.072 \times 3 =$
21-17	$10.45 \times 5 =$
16-12	$1.3822 \times 5 =$
11-7	$18.862 \times 5 =$
6-1	$93.17 \times 2 =$