

Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Write and Match!

Fill out input/output tables to solve multiplication equations.



Can you help Logan count the gifts in the gift shop? Use the patterns and/or multiplication sentences to fill out each table. Then, draw a line to connect each table to an equation that can be solved using the table. Write the product in the box before each gift.

**Example:**

Input	Output
1	4
2	8
3	12
4	16
5	20
6	24
7	28
8	32
Rule: $\times 4$	



● ————— ●  $8 \times 4 =$  32

Input	1	2	3	4				
Output	5	10			25	30	35	40
Rule: x 5								

●  $7 \times 2 = \square$



Input	Output
	2
	4
	6
4	
5	
6	12
7	
	16
Rule: x 2	

●  $6 \times 10 = \square$



Input	1							
Output	10	20	30	40				
Rule: x 10								

●  $5 \times 5 = \square$



**Challenge:** Logan’s teacher wants to buy 5 coffee mugs. Each coffee mug costs \$4. How much will it cost for Logan’s teacher to buy the coffee mugs? Fill out the input/output table below. Then, write and solve a multiplication sentence using the table.

# of Mugs	Cost
1	4
Rule: x 4	

x

=