**Part A:**

Find the missing factor to make the following equations true.











**Part B:**

Write a multiplication equation to the following expressions. Afterward, write a new equation using the commutative property.











**Part C:**

Draw the following equations into two array models.

* + - 1. 2 x 8 = 8 x 2



* + - 1. 6 x 3 = 3 x 6



* + - 1. 7 x 3 = 3 x 7
      2. 2 x 4 = 4 x 2





**Part D:**

Answer the following word problems by solving using array models.

Louis has 3 boxes of crayons. Each box has 8 crayons.

a. Draw an array to represent Louis’ crayons.



b. Write the equation of the array model you drew and find the product.

3 x 8 = 24 crayons

c. Using the commutativity of multiplication, draw and solve it in another way.

8 x 3 = 24 crayons

Mark has 5 marbles each in 2 bags.

a. Draw an array to represent Mark’s marbles.



b. Write the equation of the array model you drew and find the product.

5 x 2 = 10 marbles

c. Using the commutativity of multiplication, draw and solve it in another way.



2 x 5 = 10 marbles