

Name _____

Date _____

Cut out the square tiles below, and construct the following arrays with no gaps or overlaps. On the line, write a repeated addition equation to match each construction on the line.

1. a. Construct a rectangle with
2 rows of 4 tiles.

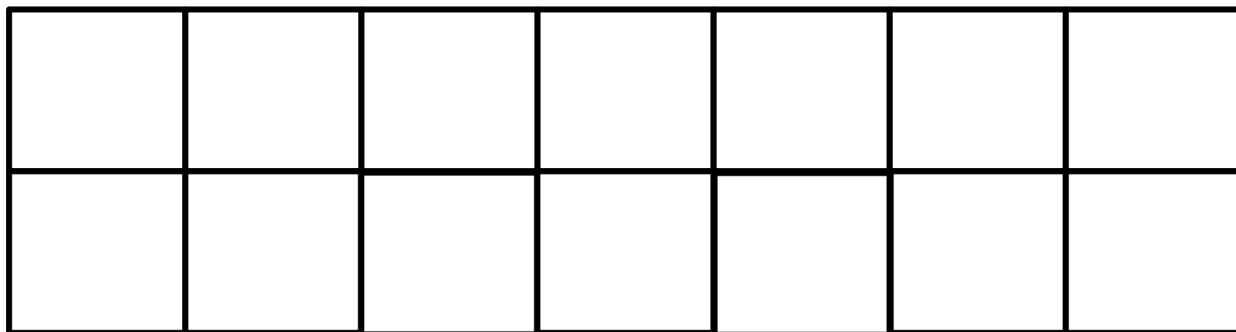
- b. Construct a rectangle with
2 columns of 4 tiles.

2. a. Construct a rectangle with
3 rows of 2 tiles.

- b. Construct a rectangle with
3 columns of 2 tiles.

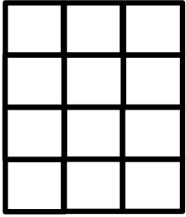
3. a. Construct a rectangle
using 10 tiles.

- b. Construct a rectangle
using 12 tiles.



4.

a. What shape is the array pictured below? _____



b. In the space below, redraw the above shape with one more column.

c. What shape is the array now? _____

d. Draw a different array of tiles that is the same shape as 4(c).

Answer Key

1.
 - a. $4 + 4 = 8$
 - b. $4 + 4 = 8$ or $2 + 2 + 2 + 2 = 8$
2.
 - a. $2 + 2 + 2 = 6$
 - b. $2 + 2 + 2 = 6$ or $3 + 3 = 6$
3.
 - a. Answers will vary.
 - b. Answers will vary.
4.
 - a. Rectangle
 - b. Shape is appropriately drawn.
 - c. Square
 - d. Answers will vary.