

## Lesson 10

Name \_\_\_\_\_

Date \_\_\_\_\_

Use your square tiles to construct the following rectangles with no gaps or overlaps.  
Write a repeated addition equation to match each construction.

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

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

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2. a. Construct a rectangle with 5 rows of 2 tiles.

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- b. Construct a rectangle with 5 columns of 2 tiles.

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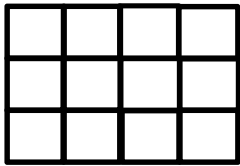
3. a. Construct a rectangle of 9 tiles that has equal rows and columns.

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- b. Construct a rectangle of 16 tiles that has equal rows and columns.

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4. a. What shape is the array pictured below? \_\_\_\_\_



- b. Redraw the above shape with one column removed in the space below.

- c. What shape is the array now? \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

On this sheet, use your square tiles to construct the following arrays with no gaps or overlaps on this sheet. Write a repeated addition equation to match your construction.

1. a. Construct a rectangle with 2 rows of 5 tiles.

b. Write the repeated addition equation. \_\_\_\_\_

2. a. Construct a rectangle with 5 columns of 2 tiles.

b. Write the repeated addition equation. \_\_\_\_\_

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.

\_\_\_\_\_

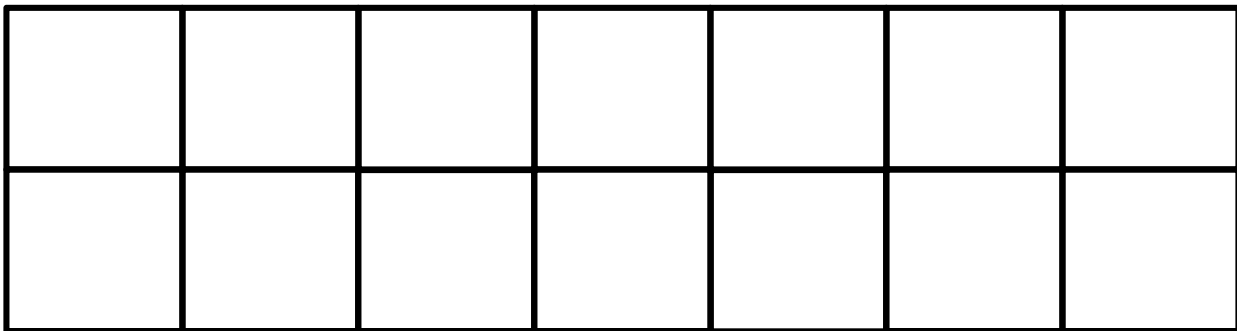
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3. a. Construct a rectangle using 10 tiles.

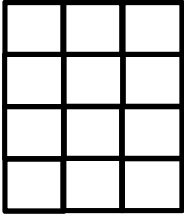
- b. Construct a rectangle using 12 tiles.

\_\_\_\_\_

\_\_\_\_\_



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).