Name _____ Date _____

Multiplying with Arrays Assessment

Use the arrays below to answer each set of questions.

1.



a. How many rows of erasers are there? _____

b. How many erasers are there in each row? _____

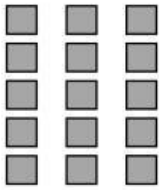
2.



a. What is the number of rows? _____

b. What is the number of objects in each row? _____

3.



a. There are 3 squares in each row. How many squares are in 5 rows? _____

b. Write a multiplication expression to describe the array. _____

4.

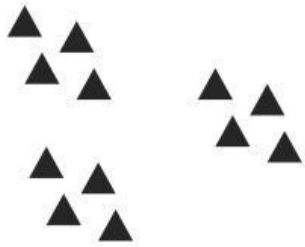


a. There are 6 rows of stars. How many stars are in each row? _____

b. Write a multiplication expression to describe the array. _____

LIVEWORKSHEETS

5. The triangles below show 3 groups of four.



a. Redraw the triangles as an array that shows 3 rows of four.

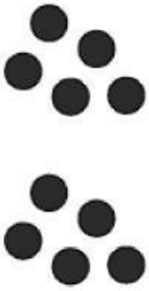
b. Compare the drawing to your array. How are they the same? How are they different?

6. Roger has a collection of stamps. He arranges the stamps into 5 rows of four. Draw an array to represent Roger's stamps. Then, write a multiplication equation to describe the array.

7. Kimberly arranges her 18 markers as an array. Draw an array that Kimberly might make. Then, write a multiplication equation to describe your array.

LIVEWORKSHEETS

8. The dots below show 2 groups of 5.



a. Redraw the dots as an array that shows 2 rows of 5.

b. Compare the drawing to your array. Write at least 1 reason why they are the same and 1 reason why they are different.

9. Emma collects rocks. She arranges them in 4 rows of 3. Draw Emma's array to show how many rocks she has all together. Then, write a multiplication equation to describe the array.

10. Joshua organizes cans of food into an array. He thinks, "My cans show 5 × 3!" Draw Joshua's array to find the total number of cans he organizes.

LIVEWORKSHEETS