

Name \_\_\_\_\_

Date \_\_\_\_\_

1. a. Draw an array that shows 6 rows of 2.

b. Write a multiplication sentence where the first factor represents the number of rows.

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

2. a. Draw an array that shows 2 rows of 6.

b. Write a multiplication sentence where the first factor represents the number of rows.

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

3. a. Turn your paper to look at the arrays in Problems 1 and 2 in different ways. What is the same and what is different about them?

b. Why are the factors in your multiplication sentences in a different order?

4. Write a multiplication sentence for each expression. You might skip-count to find the totals.

a. 6 twos:  $6 \times 2 = 12$  \_\_\_\_\_

d. 2 sevens: \_\_\_\_\_

**Extension:**

b. 2 sixes: \_\_\_\_\_

e. 9 twos: \_\_\_\_\_

g. 11 twos: \_\_\_\_\_

c. 7 twos: \_\_\_\_\_

f. 2 nines: \_\_\_\_\_

h. 2 twelves: \_\_\_\_\_

5. Write and solve multiplication sentences where the second factor represents the size of the row.

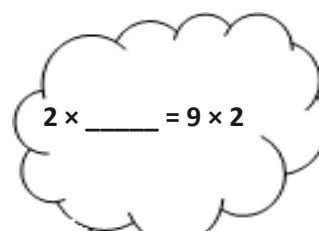
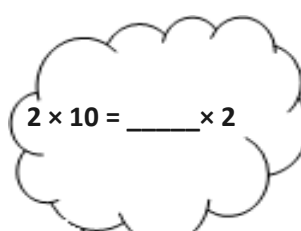
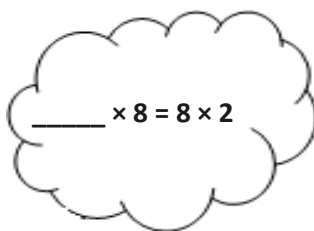
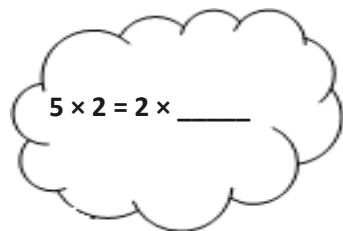


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6. Ms. Nenadal writes  $2 \times 7 = 7 \times 2$  on the board. Do you agree or disagree? Draw arrays to help explain your thinking.

7. Find the missing factor to make each equation true.



8. Jada gets 2 new packs of erasers. Each pack has 6 erasers in it.

a. Draw an array to show how many erasers Jada has altogether.

b. Write and solve a multiplication sentence to describe the array.

c. Use the commutative property to write and solve a different multiplication sentence for the array.