

Name _____

Date _____

1. a. Draw an array that shows 7 rows of 2.

2. a. Draw an array that shows 2 rows of 7.

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

_____ × _____ = _____

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

_____ × _____ = _____

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 to match the number of groups. Skip-count to find the totals. The first one is done for you.

a. 2 twos: $2 \times 2 = 4$

d. 2 fours: _____

g. 2 fives: _____

b. 3 twos: _____

e. 4 twos: _____

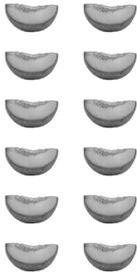
h. 6 twos: _____

c. 2 threes: _____

f. 5 twos: _____

i. 2 sixes: _____

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





6. Angel writes $2 \times 8 = 8 \times 2$ in his notebook. Do you agree or disagree? Draw arrays to help explain your thinking.

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

$$2 \times 6 = 6 \times \underline{\quad}$$

$$\underline{\quad} \times 2 = 2 \times 7$$

$$9 \times 2 = \underline{\quad} \times 9$$

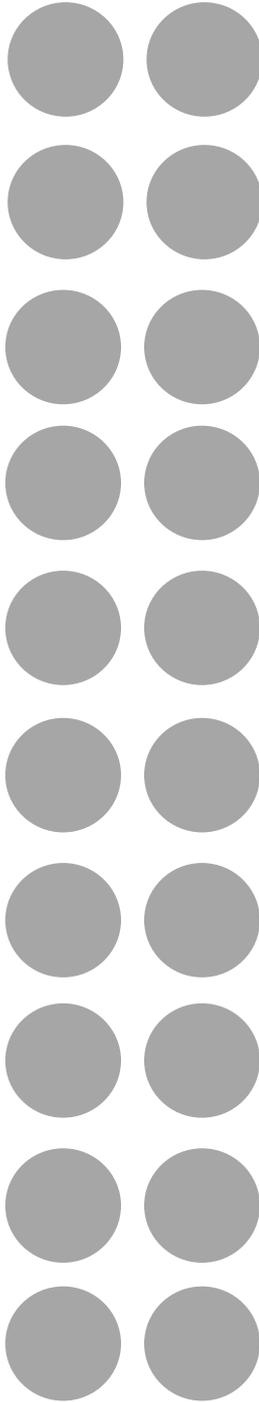
$$2 \times \underline{\quad} = 10 \times 2$$

8. Tamia buys 2 bags of candy. Each bag has 7 pieces of candy in it.

a. Draw an array to show how many pieces of candy Tamia 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.



twos array