

Name _____

Date _____

1. a. Count by twos 7 times.

_____, _____, _____, _____, _____, _____, _____

- b. Draw an array that matches your count-by.

- c. Write a multiplication sentence that represents the total number of objects in your array.

_____ × _____ = _____

2. a. Count by sevens 2 times.

_____, _____

- b. Draw an array that matches your count-by.

- c. Write a multiplication sentence that represents the total number of objects in your array.

_____ × _____ = _____

3. a. Compare your work in Problems 1 and 2. Turn your paper as you study the arrays to look at them in different ways.

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

4. Count by the unit (the number in word form) the number of times indicated. Write the multiplication sentence that matches your count-by. 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: _____

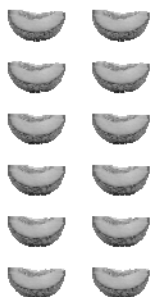
g. 6 twos: _____

c. 2 threes: _____

f. 5 twos: _____

h. 2 sixes: _____

5. Write and solve a different multiplication sentence to describe each array.



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 number sentence 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.
- Draw an array to show how many pieces of candy Tamia has altogether.

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

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