Name _____ Date _____

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

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

   _____ × _____ = _____

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.

   _____ × _____ = _____

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 × 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: _____

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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.

   $2 \times 6 = 6 \times$ _____   _____ $\times 2 = 2 \times 7$ $9 \times 2 =$ _____ $\times 9$ $2 \times$ _____ $= 10 \times 2$

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.

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