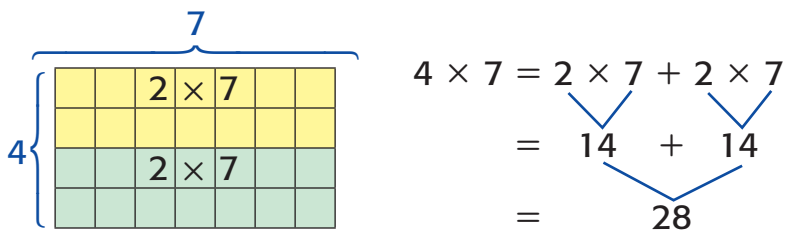


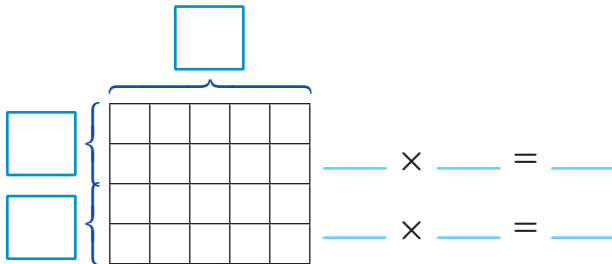
MY Homework**Lesson 4****Multiply by 4****Homework Helper**Need help? connectED.mcgraw-hill.com**Find 4×7 .**Decompose 4 into equal addends of $2 + 2$.

The array shows that 4 groups of 7 equals
2 groups of 7 plus 2 groups of 7.

So, $4 \times 7 = 28$.**Practice**

Double a known fact to find the product. Label the array and complete the number sentences.

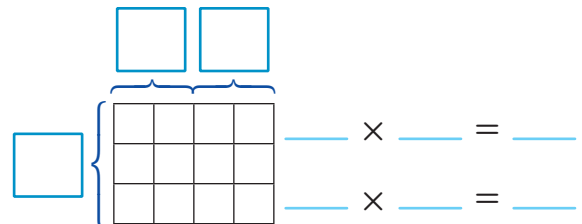
1. 4×5



_____ + _____ = _____

So, $4 \times 5 = \underline{\hspace{2cm}}$.

2. 3×4



_____ + _____ = _____

So, $3 \times 4 = \underline{\hspace{2cm}}$.

Double a known fact to find each product. Draw and label an array.

3. $6 \times 4 =$ _____

4. $4 \times 8 =$ _____

Algebra Find each unknown. Double a known fact.

5. $9 \times 4 =$ ■


6. $4 \times 4 =$ ■

The unknown is _____.

The unknown is _____.



Problem Solving

7. **Mathematical PRACTICE**  **Model Math** Melissa owns 4 sets of jewelry. Each set contains 2 earrings, 1 necklace, 1 bracelet, and 1 ring. How many pieces of jewelry does Melissa have altogether? Write a multiplication sentence.

Vocabulary Check



Write a definition for the vocabulary word(s).

8. known fact _____
9. decompose _____

Test Practice

10. There are 7 birdfeeders at the park. Each birdfeeder has 4 perches. How many birds can use the birdfeeders at the same time?
- (A) 32 birds (C) 11 birds
- (B) 28 birds (D) 3 birds