REVIEW: Using Arrays
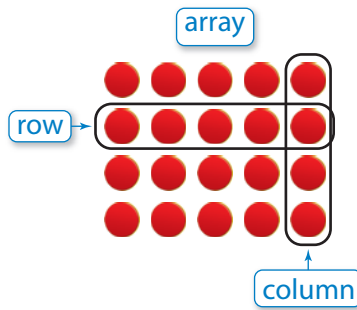
Key Concept and Vocabulary

Array

array

row →

column

4 rows
5 columns
$5 + 5 + 5 + 5 = 20$
$4 \times 5 = 20$ ← total

number of rows   number in each row

Skill Example

1.

6 rows
3 columns
$3 + 3 + 3 + 3 + 3 + 3 = 18$
$6 \times 3 = 18$

Application Example

2. You have 8 rows of dominos with 7 dominos in each row. How many dominos do you have in all?

$$7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = 56$$
$$8 \times 7 = 56$$

There are 56 dominos.

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Check your answers at BigIdeasMath.com.

How many counters are there in all?

3.

_____ rows
_____ columns
_____ + _____ + _____ = _____
_____ × _____ = _____

4.

_____ rows
_____ columns
_____ + _____ = _____
_____ × _____ = _____

Draw an array to multiply.

5. $4 \times 9 =$ _____

6. $3 \times 5 =$ _____

7. GARDEN A garden has 7 rows of 6 carrots each. How many carrots are there in all? _____

8. HIP HOP DANCE A hip hop dance team is arranged into 2 equal rows. There are 16 dancers in all. How many dancers are in each row? Explain. _____

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