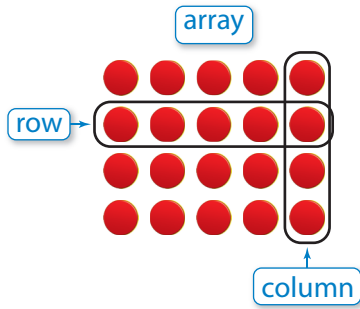


Key Concept and Vocabulary



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. 3 rows
10 columns
 $\frac{10}{10} + \frac{10}{10} + \frac{10}{10} = \frac{30}{30}$
 $\frac{3}{3} \times \frac{10}{10} = \frac{30}{30}$

4. 2 rows
6 columns
 $\frac{6}{6} + \frac{6}{6} = \frac{12}{12}$
 $\frac{2}{2} \times \frac{6}{6} = \frac{12}{12}$

Draw an array to multiply.

5. $4 \times 9 = \underline{36}$

6. $3 \times 5 = \underline{15}$

7. **GARDEN** A garden has 7 rows of 6 carrots each. How many carrots are there in all? 42 carrots

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. 8 dancers; There are 2 equal rows that sum to 16, and $8 + 8 = 16$. So, each row has 8 dancers.