

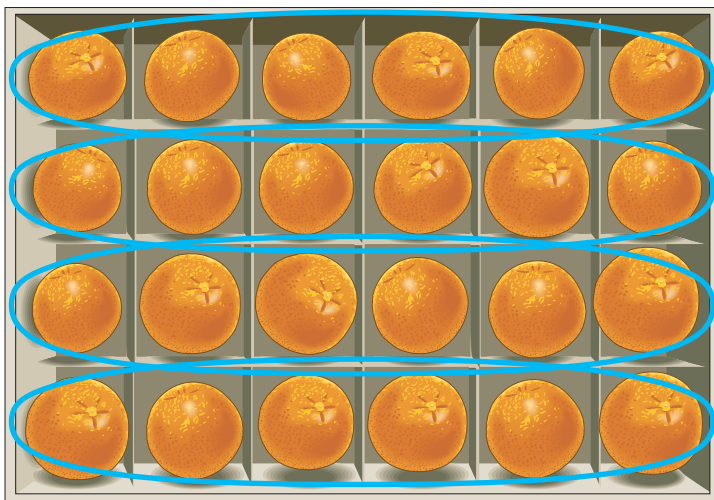
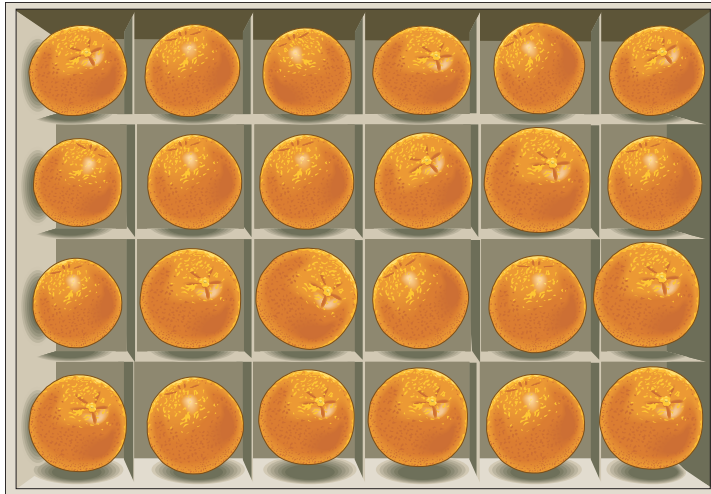
# Multiplication (page 1 of 2)

Use multiplication when you want to combine groups that are the same size.

**Math Words**

- multiplication
- factor
- product

How many oranges are in this box?



There are 4 rows of oranges.  
 There are 6 oranges in each row.  
 There are 24 oranges in the box.

$$4 \times 6 = 24$$

factors                      product

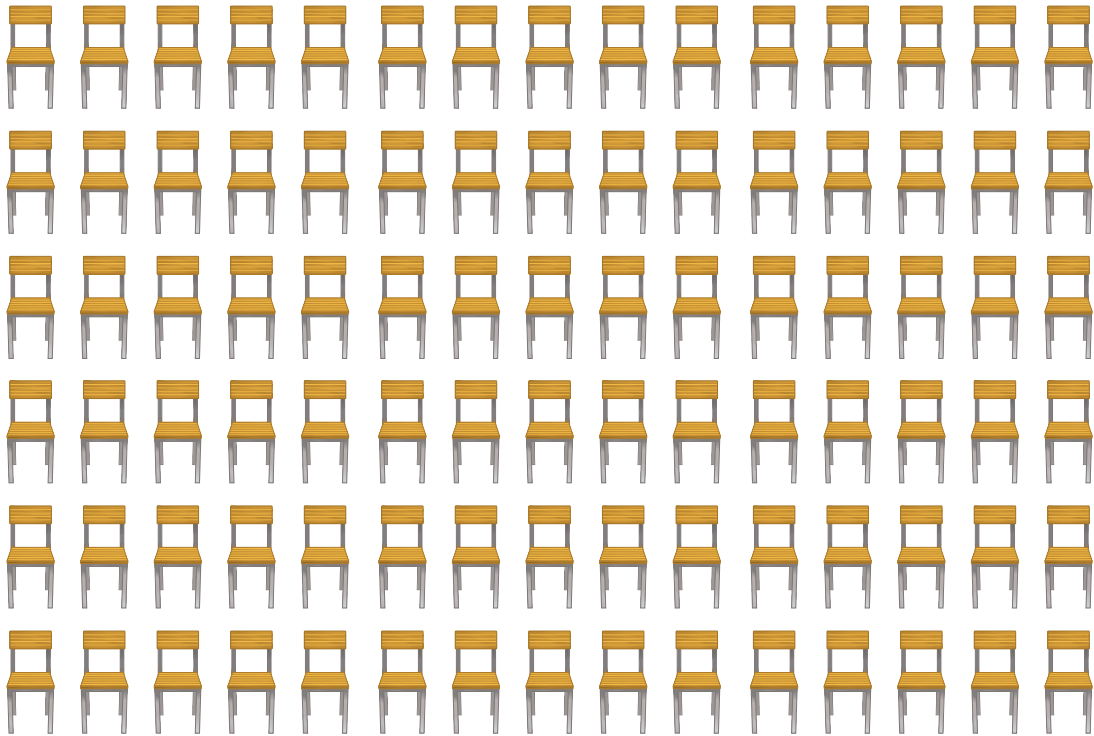
$$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$$

factors                      product

# Multiplication (page 2 of 2)

Here is an example of multiplication with larger numbers.

The audience at the school play filled up 6 rows in the auditorium. Each row had 15 seats. How many people were in the audience?



There are 6 rows.

Each row has 15 people.

There are 90 people in the audience.

$$6 \times 15 = 90$$

factors                  product

$$\begin{array}{r} 6 \\ \times 15 \\ \hline 90 \end{array}$$

factors                  product



What are the factors in  $8 \times 5 = 40$ ? What is the product?