

**LESSON**  
**7-1**

# Ratios, Rates, Tables, and Graphs

## Reteach

A **ratio** shows a relationship between two quantities.

Ratios are **equivalent** if they can be written as the same fraction in lowest terms.

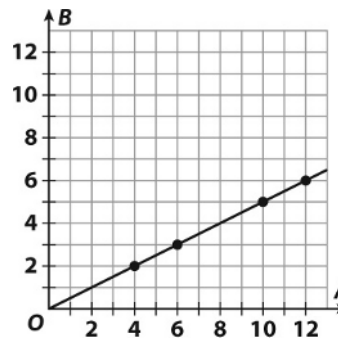
A **rate** is a ratio that shows the relationship between two different units of measure in lowest terms.

You can make a table of equivalent ratios. You can graph the equivalent ratios.

<b>A</b>	4	6	10	12
<b>B</b>	2	3	5	6

$$\frac{4}{2} = \frac{2}{1} \qquad \frac{6}{3} = \frac{2}{1}$$

$$\frac{10}{5} = \frac{2}{1} \qquad \frac{12}{6} = \frac{2}{1}$$



1. Use equivalent ratios to complete the table.

<b>A</b>	6	9			18		
<b>B</b>	2		4	5		7	8

2. Show the ratios are equivalent by simplifying any 4 of them.

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3. Find the rate of  $\frac{A}{B}$  and complete the equivalent ratio:  $\frac{69}{\underline{\quad}}$ .

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4. Use the rate to find how many As are needed for 63 Bs, then write the ratio.

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