

Rates

Name _____

Key Concept and Vocabulary

A rate is a fraction with two different units.



Rate:

$$\frac{\$32}{4 \text{ h}}$$



Unit Rate:

$$\frac{\$8}{1 \text{ h}}$$

Use "per" when reading a rate. 8 dollars per hour.



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Check your answers at BigIdeasMath.com.

Find the rate and the unit rate.

1.



Earns \$200 in eight hours.

$$\text{Rate} = \frac{\$200}{8 \text{ h}}$$

$$\text{Unit Rate} = \frac{\$25}{1 \text{ h}}$$

2.



Earns \$1600 in forty hours.

$$\text{Rate} = \frac{\$1600}{40 \text{ h}}$$

$$\text{Unit Rate} = \frac{\$40}{1 \text{ h}}$$

3.



Earns \$800 in eighty hours.

$$\text{Rate} = \frac{\$800}{80 \text{ h}}$$

$$\text{Unit Rate} = \frac{\$10}{1 \text{ h}}$$

4.



Earns \$400,000 in forty hours.

$$\text{Rate} = \frac{\$400,000}{40 \text{ h}}$$

$$\text{Unit Rate} = \frac{\$10,000}{1 \text{ h}}$$