

Key

Unit Rates

7th Grade Math

A unit rate is the rate for **1** unit of a given quantity.

Find the unit rate for the following problems. Make sure you have a unit for each problem.

Example...

The price for a 20 oz cereal box is \$4.29. How much is it for **1** oz?

You must use long division $\frac{\$4.29}{20 \text{ oz}}$ You can also use a calculator but you still need to show your work.

Work:

1. \$3.75 for 3 pounds of bird seed

$$\frac{\$1.25}{\text{lb}}$$

2. 270 miles for 12 gallons of gas

$$\frac{22.5 \text{ mi}}{\text{gal}}$$

3. \$10.50 for 3 pairs of socks

$$\frac{\$3.5}{\text{pair (socks)}}$$

4. 3 pounds of cheese for 4 pizzas

$$\frac{.75 \text{ lbs (cheese)}}{\text{pizza}}$$

5. 826 miles in 14 hours

$$\frac{59 \text{ mi}}{\text{hr}}$$

6. 150 km per 24 Liters

$$\frac{6.25 \text{ km}}{\text{L}}$$

7. \$13.50 for 9 gals

$$\frac{\$1.5}{9 \text{ gal}}$$

8. 1,050 words in 21 minutes

$$\frac{50 \text{ wrds}}{\text{min}}$$

9. \$91.00 for 14 shirts

$$\frac{\$6.5}{\text{shirt}}$$

10. 142 m&ms in 7 bags

$$\approx \frac{20 \text{ m\&ms}}{\text{bag}}$$

11. \$42 for 3 hours of babysitting

$$\frac{\$14}{\text{hr (babysitting)}}$$

12. \$2.50 for 10 oz

$$\frac{\$.25}{\text{oz}} \text{ or } \frac{25\text{¢}}{\text{oz}}$$