

RATES and UNIT PRICE

↳ example 1:

A car travels 200 miles in 4 hours. What is the car's rate in miles per hour (mph)?

$$\frac{200 \text{ miles}}{4 \text{ hours}} = \frac{\text{miles}}{\text{hour}} = \text{mph}$$

↳ example 2:

A scooter can travel 270 miles on 6 gallons of gas. How many miles per gallon does the scooter get?

$$\frac{\text{miles}}{6 \text{ gallons}} = \text{miles per gallon}$$

↳ example 3:

In 3 hours, a family travelled 255 kilometers. How many kilometers per hour did they travel?

UNIT PRICE:

↳ example 4:

6 ounces of grain costs 96 cents
How many cents per ounce does
it cost?

↳ example 5:

Brand A light bulbs cost \$4.36
for 4 bulbs.

Brand B light bulbs cost \$6.48
for 6 bulbs.

Which brand is a better buy?

RATES and UNIT PRICE practice problems

1. A car travels 140 miles in 2 hours.
What is the car's rate in miles
per hour?

2. Brand A socks cost \$6.42 for 6 pairs.
Brand B socks cost \$9.72 for 9 pairs.
Which is a better buy?