A car travels 200 miles in 4 hours.

What is the rate of the car in miles per hour?

$$\frac{200}{4} \quad \frac{miles}{hour}$$

$$\frac{50}{1} \quad \frac{miles}{hour}$$

50

A car travels 200 miles on 8 gallons of gas.

What is the fuel consumption rate of this car in miles per gallon?

$$\frac{200}{8} \quad \frac{miles}{gallon}$$

$$\frac{25}{1} \quad \underline{\qquad}$$

25

A truck travels 375 miles in 8 hours.

What is the rate of the truck in miles per hour to the nearest hundredth?

$$\frac{375}{8} \quad \frac{miles}{hour}$$

$$46.875 \quad \frac{miles}{hour}$$

A 20 ounce cup of coffee costs $1.75.

What is the unit price in cents per ounce for this cup of coffee to the nearest cent?

$$\frac{175}{20} \quad \frac{cents}{ounce}$$

$$8.75 \quad \frac{cents}{ounce}$$

If a bottle containing 50 vitamin tablets costs $24.50, what is the cost per vitamin tablet in cents per tablet?

$$\frac{24.50}{50} \frac{dollars}{tablets}$$

$$\frac{dollars}{tablet}$$

$$\frac{cents}{tablet}$$

If a jar containing 32 ounces of strawberry jam costs $5.44, what is the cost per ounce in cents per ounce?

$$\frac{544}{32} \frac{cents}{ounces}$$

$$\frac{cents}{ounce}$$