

Percent

1. Write each percent as a decimal and a reduced fraction.

a) 14%

b) 130%

c) 13.5%

2. Write each quantity as a percent.

a) 0.35

b) 2.341

c) $\frac{7}{8}$

d) 12

e) $\frac{9}{14}$

Round to the nearest tenth of a percent.

Percent

1. Write each percent as a decimal and a reduced fraction.

a) 14%

$$\frac{14}{100} = \frac{14 \div 2}{100 \div 2}$$

$$\frac{7}{50}$$

b) 130%

$$\frac{130}{100} = \frac{130 \div 10}{100 \div 10}$$

$$\frac{13}{10}$$

c) 13.5%

$$\frac{13.5}{100} \quad \text{LCD} = 10$$

$$\frac{10(13.5)}{10(100)}$$

$$\frac{135}{1000} = \frac{27}{200}$$

2. Write each quantity as a percent.

a) 0.35

$$0.35$$

$$35\%$$

b) 2.341

$$2.341$$

$$234.1\%$$

c) $\frac{7}{8}$

$$7 \div 8$$

$$0.875$$

$$0.875$$

$$87.5\%$$

$$\begin{array}{r} 0.875 \\ 8 \overline{) 7.000} \\ \underline{64} \\ 60 \\ \underline{56} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

d) 12

$$12$$

$$1,200\%$$

e) $\frac{9}{14}$

$$0.6429$$

$$0.6429$$

$$64.29\%$$

$$64.3\%$$

Round to the nearest tenth of a percent.

$$\begin{array}{r} 0.64285 \\ 14 \overline{) 9.00000} \\ \underline{84} \\ 60 \\ \underline{56} \\ 40 \\ \underline{28} \\ 120 \\ \underline{112} \\ 80 \\ \underline{70} \\ 10 \end{array}$$