

Fractions to Decimals

Practice 5C: Chapter 9, pages 92

Write each fraction below as a decimal.

$$\frac{33}{50} = \underline{\hspace{2cm}}$$

$$\frac{3}{5} = \underline{\hspace{2cm}}$$

$$\frac{1}{4} = \underline{\hspace{2cm}}$$

$$\frac{17}{20} = \underline{\hspace{2cm}}$$

$$\frac{8}{25} = \underline{\hspace{2cm}}$$

$$\frac{19}{5} = \underline{\hspace{2cm}}$$

$$\frac{9}{4} = \underline{\hspace{2cm}}$$

$$\frac{36}{25} = \underline{\hspace{2cm}}$$

$$\frac{67}{20} = \underline{\hspace{2cm}}$$

$$\frac{197}{200} = \underline{\hspace{2cm}}$$

$$\frac{3}{8} = \underline{\hspace{2cm}}$$

$$\frac{3}{250} = \underline{\hspace{2cm}}$$

$$\frac{9}{125} = \underline{\hspace{2cm}}$$

$$\frac{7}{40} = \underline{\hspace{2cm}}$$

Fractions to Decimals

Practice 5C: Chapter 9, pages 93

Use long division to write each fraction below as a decimal.

Fraction: $\frac{7}{8}$

$$8 \overline{) 7.0}$$

Decimal: _____

Fraction: $\frac{17}{40}$

$$40 \overline{) 17.0}$$

Decimal: _____

Fraction: $\frac{19}{8}$

$$\overline{\hspace{2cm}}$$

Decimal: _____

Fraction: $\frac{33}{40}$

$$\overline{\hspace{2cm}}$$

Decimal: _____

Fraction: $\frac{3}{16}$

$$\overline{\hspace{2cm}}$$

Decimal: _____

Fraction: $\frac{17}{16}$

$$\overline{\hspace{2cm}}$$

Decimal: _____

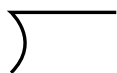
Fractions to Decimals



Practice 5C: Chapter 9, pages 94-95

Use long division to write each fraction below as a decimal.

Fraction: $\frac{4}{9}$



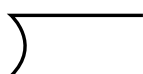
Decimal: _____

Fraction: $\frac{6}{11}$



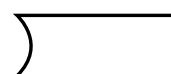
Decimal: _____

Fraction: $\frac{4}{33}$



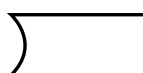
Decimal: _____

Fraction: $\frac{1}{45}$



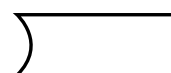
Decimal: _____

Fraction: $\frac{5}{6}$



Decimal: _____

Fraction: $\frac{5}{18}$



Decimal: _____

Fractions to Decimals Key

Practice 5C: Chapter 8, pages 92-95

$$\frac{33}{50} = \frac{66}{100} = \mathbf{0.66}$$

$$\frac{3}{5} = \frac{6}{10} = \mathbf{0.6}$$

$$\frac{1}{4} = \frac{25}{100} = \mathbf{0.25}$$

$$\frac{17}{20} = \frac{85}{100} = \mathbf{0.85}$$

$$\frac{8}{25} = \frac{32}{100} = \mathbf{0.32}$$

$$\frac{19}{5} = \frac{38}{10} = \mathbf{3.8} \quad \text{— or —} \quad \frac{19}{5} = 4 \frac{4}{5} = 4 \frac{8}{10} = \mathbf{3.8}$$

$$\frac{9}{4} = \frac{225}{100} = \mathbf{2.25} \quad \text{— or —} \quad \frac{9}{4} = 2 \frac{1}{4} = 2 \frac{25}{100} = \mathbf{2.25}$$

$$\frac{36}{25} = \frac{144}{100} = \mathbf{1.44} \quad \text{— or —} \quad \frac{36}{25} = 1 \frac{11}{25} = 1 \frac{44}{100} = \mathbf{1.44}$$

$$\frac{67}{20} = \frac{335}{100} = \mathbf{3.35} \quad \text{— or —} \quad \frac{67}{20} = 3 \frac{7}{20} = 3 \frac{35}{100} = \mathbf{3.35}$$

$$\frac{197}{200} = \frac{985}{1,000} = \mathbf{0.985}$$

$$\frac{3}{8} = \frac{375}{1,000} = \mathbf{0.375}$$

$$\frac{3}{250} = \frac{12}{1,000} = \mathbf{0.012}$$

$$\frac{9}{125} = \frac{72}{1,000} = \mathbf{0.072}$$

$$\frac{7}{40} = \frac{175}{1,000} = \mathbf{0.175}$$

$$\frac{7}{8} = \mathbf{0.875}$$

$$\frac{17}{40} = \mathbf{0.425}$$

$$\frac{4}{9} = \mathbf{0.\overline{4}}$$

$$\frac{6}{11} = \mathbf{0.\overline{54}}$$

$$\frac{19}{8} = \mathbf{2.375}$$

$$\frac{33}{40} = \mathbf{0.825}$$

$$\frac{4}{33} = \mathbf{0.\overline{12}}$$

$$\frac{1}{45} = \mathbf{0.\overline{02}}$$

$$\frac{3}{16} = \mathbf{0.1875}$$

$$\frac{17}{16} = \mathbf{1.0625}$$

$$\frac{5}{6} = \mathbf{0.\overline{83}}$$

$$\frac{5}{18} = \mathbf{0.\overline{27}}$$