Fractions to Decimals

Practice 5C: Chapter 9, pages 92

Write each fraction below as a decimal.

$\frac{33}{50}$ = _____

$\frac{3}{5}$ = _____

$\frac{1}{4}$ = _____

$\frac{17}{20}$ = _____

$\frac{8}{25}$ = _____

$\frac{19}{5}$ = _____

$\frac{9}{4}$ = _____

$\frac{36}{25}$ = _____

$\frac{67}{20}$ = _____

$\frac{197}{200}$ = _____

$\frac{3}{8}$ = _____

$\frac{3}{250}$ = _____

$\frac{9}{125}$ = _____

$\frac{7}{40}$ = _____

Fractions to Decimals

Practice 5C: Chapter 9, pages 93

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

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

Decimal: _____

$8\overline{)7.0}$

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

Decimal: _____

$40\overline{)17.0}$

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

Decimal: _____

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

Decimal: _____

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

Decimal: _____

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$\frac{7}{8} = \mathbf{0.875}$	$\frac{17}{40} = \mathbf{0.425}$	$\frac{4}{9} = \mathbf{0.\overline{4}}$	$\frac{6}{11} = \mathbf{0.\overline{54}}$
$\frac{19}{8} = \mathbf{2.375}$	$\frac{33}{40} = \mathbf{0.825}$	$\frac{4}{33} = \mathbf{0.\overline{12}}$	$\frac{1}{45} = \mathbf{0.0\overline{2}}$
$\frac{3}{16} = \mathbf{0.1875}$	$\frac{17}{16} = \mathbf{1.0625}$	$\frac{5}{6} = \mathbf{0.8\overline{3}}$	$\frac{5}{18} = \mathbf{0.2\overline{7}}$