



# GRADE 4-5



## FRACTIONS AND DECIMALS (Answer Key)

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**Fractions and decimals: Convert fractions to decimals**

Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

Find the equivalent decimals (rounded up to the nearest thousandth)

$\frac{5}{8} = 0.625$	$\frac{9}{6} = 1.500$
$\frac{2}{5} = 0.240$	$\frac{2}{3} = 0.667$
$\frac{3}{4} = 0.750$	$\frac{9}{8} = 1.125$
$\frac{1}{2} = 0.500$	$\frac{9}{5} = 1.800$
$\frac{5}{7} = 0.714$	$\frac{1}{4} = 0.250$
$\frac{7}{10} = 0.700$	$\frac{3}{5} = 0.600$
$\frac{4}{9} = 0.444$	$\frac{8}{16} = 0.500$
$\frac{10}{12} = 0.833$	$\frac{37}{100} = 0.370$
$\frac{26}{88} = 0.295$	$\frac{9}{81} = 0.111$
$\frac{51}{68} = 0.750$	$\frac{27}{32} = 0.844$

**Fractions and decimals: Convert decimals to fractions**

Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

Find the equivalent fractions and simplify

$2.50 = 2\frac{1}{2}$	$0.86 = \frac{43}{50}$
$0.12 = \frac{3}{25}$	$5.90 = 5\frac{9}{10}$
$1.75 = 1\frac{3}{4}$	$3.62 = 3\frac{31}{50}$
$9.04 = 9\frac{1}{25}$	$0.74 = \frac{37}{50}$
$0.80 = \frac{4}{5}$	$1.27 = 1\frac{27}{100}$
$6.75 = 6\frac{3}{4}$	$0.56 = \frac{14}{25}$
$1.48 = 1\frac{12}{25}$	$7.45 = 7\frac{9}{20}$
$0.05 = \frac{1}{20}$	$0.30 = \frac{3}{10}$
$4.25 = 4\frac{1}{4}$	$8.16 = 8\frac{4}{25}$
$3.70 = 3\frac{7}{10}$	$2.39 = 2\frac{39}{100}$

**Fractions and decimals: Fractions and decimals**

Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

<i>Find the equivalent fractions (and simplify)</i>	<i>Find the equivalent decimals (and rounded to the nearest thousandth)</i>
$0.64 = \frac{16}{25}$	$\frac{3}{8} = 0.375$
$2.25 = 2\frac{1}{4}$	$\frac{7}{5} = 1.400$
$0.83 = \frac{83}{100}$	$\frac{9}{6} = 1.500$
$5.14 = 5\frac{7}{50}$	$\frac{1}{9} = 0.111$
$1.40 = 1\frac{2}{5}$	$\frac{5}{2} = 2.500$
$0.37 = \frac{37}{100}$	$\frac{10}{3} = 3.333$
$7.52 = 7\frac{13}{25}$	$\frac{84}{15} = 5.600$
$0.10 = \frac{1}{10}$	$\frac{33}{4} = 8.250$
$9.99 = 9\frac{99}{100}$	$\frac{68}{27} = 2.519$

**Fractions and decimals: Identify value using <, =, > symbol in pair of Fractions and decimals**

Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

Identify the correct relationship between fractions and decimals using &lt;, &gt; or = symbols.

$\frac{5}{6} < 0.90$	$\frac{9}{10} > 0.82$
$\frac{1}{9} > 0.15$	$\frac{5}{11} < 0.54$
$\frac{2}{5} < 0.44$	$\frac{7}{10} = 0.70$
$\frac{8}{9} < 0.93$	$\frac{2}{3} < 0.67$
$\frac{65}{28} > 2.18$	$\frac{34}{43} < 0.91$
$\frac{28}{90} < 0.37$	$\frac{8}{75} > 0.09$
$\frac{7}{13} < 0.56$	$\frac{29}{88} < 0.36$
$\frac{6}{8} > 0.29$	$\frac{45}{36} = 1.25$
$\frac{54}{47} < 1.32$	$\frac{100}{15} < 7.0$