

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

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

Teacher : \_\_\_\_\_

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

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## Converting Between Percents, Decimals, and Fractions

### Convert Decimal to Percent

$0.219 =$

$0.83 =$

$0.74 =$

$0.1 =$

$1.13 =$

$1.15 =$

### Convert Percent to Decimal

$53 \% =$

$55.5 \% =$

$139 \% =$

$171 \% =$

$70 \% =$

$17.1 \% =$

### Convert Decimal to Fraction

$0.77 =$

$0.5 =$

$1.3 =$

$1.45 =$

$0.233 =$

$1.24 =$

### Convert Fraction to Decimal

$\frac{8}{50} =$

$\frac{11}{20} =$

$\frac{48}{50} =$

$\frac{19}{10} =$

$\frac{2}{25} =$

$\frac{3}{16} =$

### Convert Fraction to Percent

$\frac{17}{25} =$

$\frac{4}{50} =$

$\frac{7}{40} =$

$\frac{34}{20} =$

$\frac{2}{25} =$

$\frac{47}{50} =$

### Convert Percent to Fraction

$12 \% =$

$25.6 \% =$

$131 \% =$

$143 \% =$

$179 \% =$

$23.3 \% =$



Complete the following conversion table.

FRACTION	DECIMAL	PERCENT
		21%
	0.09	
$\frac{14}{15}$		
$\frac{5}{9}$		
	1.3	
		90%
	0.435	
$\frac{22}{25}$		
$\frac{62}{80}$		
	0.001	
		4%

Name : KEY

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

Teacher : \_\_\_\_\_

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

### Converting Between Percents, Decimals, and Fractions

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#### Convert Decimal to Percent

$0.219 = 21.9\%$

$0.83 = 83\%$

$0.74 = 74\%$

$0.1 = 10\%$

$1.13 = 113\%$

$1.15 = 115\%$

#### Convert Percent to Decimal

$53\% = 0.53$

$55.5\% = 0.555$

$139\% = 1.39$

$171\% = 1.71$

$70\% = 0.7$

$17.1\% = 0.171$

#### Convert Decimal to Fraction

$0.77 = \frac{77}{100}$

$0.5 = \frac{5}{10}$

$1.3 = \frac{13}{10}$

$1.45 = \frac{145}{100}$

$0.233 = \frac{233}{1000}$

$1.24 = \frac{124}{100}$

#### Convert Fraction to Decimal

$\frac{8}{50} = 0.16$

$\frac{11}{20} = 0.55$

$\frac{48}{50} = 0.96$

$\frac{19}{10} = 1.9$

$\frac{2}{25} = 0.08$

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

#### Convert Fraction to Percent

$\frac{17}{25} = 68\%$

$\frac{4}{50} = 8\%$

$\frac{7}{40} = 17.5\%$

$\frac{34}{20} = 170\%$

$\frac{2}{25} = 8\%$

$\frac{47}{50} = 94\%$

#### Convert Percent to Fraction

$12\% = \frac{12}{100}$

$25.6\% = \frac{25.6}{100}$

$131\% = \frac{131}{100}$

$143\% = \frac{143}{100}$

$179\% = \frac{179}{100}$

$23.3\% = \frac{23.3}{100}$



Complete the following conversion table.

FRACTION	DECIMAL	PERCENT
$\frac{21}{100}$	0.21	21%
$\frac{9}{100}$	0.09	9%
$\frac{14}{15}$	$0.9\bar{3}$	$93.\bar{3}\%$
$\frac{4}{9}$	$0.\bar{4}$	$44.\bar{4}\%$
$\frac{13}{10}$ OR $\frac{130}{100}$	1.3	130%
$\frac{9}{10}$ OR $\frac{90}{100}$	0.9	90%
$\frac{435}{1000}$ OR $\frac{43.5}{100}$	0.435	43.5%
$\frac{2}{25}$	0.08	8%
$\frac{62}{80}$	0.775	77.5%
$\frac{1}{1000}$ OR $\frac{0.1}{100}$	0.001	0.1%
$\frac{4}{100}$	0.04	4%