

Convert Between Percent, Decimal, Fraction and Ratios.

Name: _____

Date: _____

Convert and round to the nearest thousandth.

	Fraction	Ratio	Decimal	Percent	Working
1		12 : 32			
2	$\frac{3}{300}$		0.01		
3		1 : 8			
4	$\frac{50}{80}$			62.5%	
5		3 : 30			
6		27 : 48	0.562		
7	$\frac{5}{25}$			20%	
8		5 : 50			
9	$\frac{4}{400}$		0.01		
10		100 : 160			

Convert and round to the nearest thousandth.

1) $0.457 =$ _____ 2) $\frac{1}{16} =$ _____ 3) $\frac{7}{32} =$ _____

4) $\frac{17}{64} =$ _____ 5) $79.8\% =$ _____ 6) $0.37 =$ _____

7) $0.14 =$ _____ 8) $46\% =$ _____ 9) $0.44 =$ _____

10) $\frac{9}{32} =$ _____ 11) $\frac{11}{64} =$ _____ 12) $0.354 =$ _____

13) $0.338 =$ _____ 14) $50\% =$ _____ 15) $\frac{1}{4} =$ _____

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	Fraction	Ratio	Decimal	Percent	Working
1	$\frac{12}{32}$	12 : 32	0.375	37.5%	
2	$\frac{3}{300}$	3 : 300	0.01	1%	
3	$\frac{1}{8}$	1 : 8	0.125	12.5%	
4	$\frac{50}{80}$	50 : 80	0.625	62.5%	
5	$\frac{3}{30}$	3 : 30	0.1	10%	
6	$\frac{27}{48}$	27 : 48	0.562	56.2%	
7	$\frac{5}{25}$	5 : 25	0.2	20%	
8	$\frac{5}{50}$	5 : 50	0.1	10%	
9	$\frac{4}{400}$	4 : 400	0.01	1%	
10	$\frac{100}{160}$	100 : 160	0.625	62.5%	

Convert and round to the nearest thousandth.

1) $0.457 = \underline{45.7\%}$ 2) $\frac{1}{16} = \underline{0.062}$ 3) $\frac{7}{32} = \underline{0.219}$

4) $\frac{17}{64} = \underline{0.266}$ 5) $79.8\% = \underline{0.798}$ 6) $0.37 = \underline{37\%}$

7) $0.14 = \underline{14\%}$ 8) $46\% = \underline{0.46}$ 9) $0.44 = \underline{44\%}$

10) $\frac{9}{32} = \underline{0.281}$ 11) $\frac{11}{64} = \underline{0.172}$ 12) $0.354 = \underline{35.4\%}$

13) $0.338 = \underline{33.8\%}$ 14) $50\% = \underline{0.50}$ 15) $\frac{1}{4} = \underline{0.25}$