

Convert Between Percent, Decimal, Fraction and Ratios.

Name: _____

Date: _____

Convert and round to the nearest thousandth.

	Fraction	Ratio	Decimal	Percent	Working
1		5 : 500			
2	$\frac{6}{16}$		0.375		
3		4 : 40		10%	
4	$\frac{33}{66}$		0.5		
5		15 : 24			
6	$\frac{2}{20}$		0.1		
7		2 : 200			
8	$\frac{35}{70}$			50%	
9		10 : 80			
10	$\frac{60}{160}$		0.375		

Convert and round to the nearest thousandth.

1) $\frac{24}{64} =$ _____ 2) $\frac{57}{76} =$ _____ 3) $\frac{38}{95} =$ _____

4) 49.2 % = _____ 5) $\frac{45}{75} =$ _____ 6) 0.996 = _____

7) 0.62 = _____ 8) 94.3 % = _____ 9) $\frac{16}{40} =$ _____

10) 73 % = _____ 11) 0.584 = _____ 12) 0.54 = _____

13) $\frac{78}{96} =$ _____ 14) 23 % = _____ 15) 83 % = _____

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	Fraction	Ratio	Decimal	Percent	Working
1	$\frac{5}{500}$	5 : 500	0.01	1%	
2	$\frac{6}{16}$	6 : 16	0.375	37.5%	
3	$\frac{4}{40}$	4 : 40	0.1	10%	
4	$\frac{33}{66}$	33 : 66	0.5	50%	
5	$\frac{15}{24}$	15 : 24	0.625	62.5%	
6	$\frac{2}{20}$	2 : 20	0.1	10%	
7	$\frac{2}{200}$	2 : 200	0.01	1%	
8	$\frac{35}{70}$	35 : 70	0.5	50%	
9	$\frac{10}{80}$	10 : 80	0.125	12.5%	
10	$\frac{60}{160}$	60 : 160	0.375	37.5%	

Convert and round to the nearest thousandth.

1) $\frac{24}{64} = \underline{0.375}$ 2) $\frac{57}{76} = \underline{0.75}$ 3) $\frac{38}{95} = \underline{0.4}$

4) 49.2 % = 0.492 5) $\frac{45}{75} = \underline{0.6}$ 6) 0.996 = 99.6 %

7) 0.62 = 62 % 8) 94.3 % = 0.943 9) $\frac{16}{40} = \underline{0.4}$

10) 73 % = 0.73 11) 0.584 = 58.4 % 12) 0.54 = 54 %

13) $\frac{78}{96} = \underline{0.812}$ 14) 23 % = 0.23 15) 83 % = 0.83