

# Convert Between Percent, Decimal, Fraction and Ratios.

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

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

Convert and round to the nearest thousandth.

	Fraction	Ratio	Decimal	Percent	Working
1		20 : 80			
2	$\frac{25}{100}$		0.25		
3		9 : 15			
4	$\frac{8}{10}$				
5		6 : 8			
6	$\frac{40}{50}$				
7		5 : 10		50%	
8	$\frac{2}{16}$		0.125		
9		10 : 50		20%	
10	$\frac{4}{16}$				

Convert and round to the nearest thousandth.

- 1)  $\frac{45}{48}$  = \_\_\_\_\_      2)  $\frac{64}{80}$  = \_\_\_\_\_      3) 74.6 % = \_\_\_\_\_
- 4)  $\frac{34}{40}$  = \_\_\_\_\_      5) 29 % = \_\_\_\_\_      6)  $\frac{42}{50}$  = \_\_\_\_\_
- 7) 0.123 = \_\_\_\_\_      8) 0.82 = \_\_\_\_\_      9) 68 % = \_\_\_\_\_
- 10) 55 % = \_\_\_\_\_      11)  $\frac{42}{48}$  = \_\_\_\_\_      12) 0.95 = \_\_\_\_\_
- 13) 0.86 = \_\_\_\_\_      14) 45.2 % = \_\_\_\_\_      15)  $\frac{57}{60}$  = \_\_\_\_\_

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**Convert and round to the nearest thousandth.**

	Fraction	Ratio	Decimal	Percent	Working
1	$\frac{20}{80}$	20 : 80	0.25	25%	
2	$\frac{25}{100}$	25 : 100	0.25	25%	
3	$\frac{9}{15}$	9 : 15	0.6	60%	
4	$\frac{8}{10}$	8 : 10	0.8	80%	
5	$\frac{6}{8}$	6 : 8	0.75	75%	
6	$\frac{40}{50}$	40 : 50	0.8	80%	
7	$\frac{5}{10}$	5 : 10	0.5	50%	
8	$\frac{2}{16}$	2 : 16	0.125	12.5%	
9	$\frac{10}{50}$	10 : 50	0.2	20%	
10	$\frac{4}{16}$	4 : 16	0.25	25%	

**Convert and round to the nearest thousandth.**

- 1)  $\frac{45}{48} = \underline{\quad 0.937 \quad}$       2)  $\frac{64}{80} = \underline{\quad 0.8 \quad}$       3)  $74.6\% = \underline{\quad 0.746 \quad}$
- 4)  $\frac{34}{40} = \underline{\quad 0.85 \quad}$       5)  $29\% = \underline{\quad 0.29 \quad}$       6)  $\frac{42}{50} = \underline{\quad 0.84 \quad}$
- 7)  $0.123 = \underline{\quad 12.3\% \quad}$       8)  $0.82 = \underline{\quad 82\% \quad}$       9)  $68\% = \underline{\quad 0.68 \quad}$
- 10)  $55\% = \underline{\quad 0.55 \quad}$       11)  $\frac{42}{48} = \underline{\quad 0.875 \quad}$       12)  $0.95 = \underline{\quad 95\% \quad}$
- 13)  $0.86 = \underline{\quad 86\% \quad}$       14)  $45.2\% = \underline{\quad 0.452 \quad}$       15)  $\frac{57}{60} = \underline{\quad 0.95 \quad}$

