

# Convert Between Percent, Decimal, Fraction and Ratios.

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

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

Convert and round to the nearest thousandth.

	Fraction	Ratio	Decimal	Percent	Working
1	$\frac{9}{24}$				
2		10 : 16		62.5%	
3	$\frac{4}{40}$		0.1		
4		1 : 100		1%	
5		3 : 5			
6	$\frac{21}{40}$				
7		55 : 80			
8	$\frac{30}{80}$		0.375		
9		19 : 64		29.6%	
10		10 : 100			

Convert and round to the nearest thousandth.

1)  $\frac{1}{64} =$  \_\_\_\_\_      2)  $\frac{17}{32} =$  \_\_\_\_\_      3)  $\frac{25}{64} =$  \_\_\_\_\_

4) 0.265 = \_\_\_\_\_      5) 0.90 = \_\_\_\_\_      6) 0.81 = \_\_\_\_\_

7) 31 % = \_\_\_\_\_      8) 49.8 % = \_\_\_\_\_      9) 22 % = \_\_\_\_\_

10)  $\frac{5}{40} =$  \_\_\_\_\_      11)  $\frac{13}{64} =$  \_\_\_\_\_      12)  $\frac{5}{16} =$  \_\_\_\_\_

13) 0.346 = \_\_\_\_\_      14) 0.78 = \_\_\_\_\_      15) 0.527 = \_\_\_\_\_

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

	Fraction	Ratio	Decimal	Percent	Working
1	$\frac{9}{24}$	9 : 24	0.375	37.5%	
2	$\frac{10}{16}$	10 : 16	0.625	62.5%	
3	$\frac{4}{40}$	4 : 40	0.1	10%	
4	$\frac{1}{100}$	1 : 100	0.01	1%	
5	$\frac{3}{5}$	3 : 5	0.6	60%	
6	$\frac{21}{40}$	21 : 40	0.525	52.5%	
7	$\frac{55}{80}$	55 : 80	0.687	68.7%	
8	$\frac{30}{80}$	30 : 80	0.375	37.5%	
9	$\frac{19}{64}$	19 : 64	0.296	29.6%	
10	$\frac{10}{100}$	10 : 100	0.1	10%	

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

1)  $\frac{1}{64} = \underline{0.016}$       2)  $\frac{17}{32} = \underline{0.531}$       3)  $\frac{25}{64} = \underline{0.391}$

4)  $0.265 = \underline{26.5\%}$       5)  $0.90 = \underline{90\%}$       6)  $0.81 = \underline{81\%}$

7)  $31\% = \underline{0.31}$       8)  $49.8\% = \underline{0.498}$       9)  $22\% = \underline{0.22}$

10)  $\frac{5}{40} = \underline{0.125}$       11)  $\frac{13}{64} = \underline{0.203}$       12)  $\frac{5}{16} = \underline{0.312}$

13)  $0.346 = \underline{34.6\%}$       14)  $0.78 = \underline{78\%}$       15)  $0.527 = \underline{52.7\%}$