

Convert Between Percent, Decimal, Fraction and Ratios.

Name: _____

Date: _____

Convert and round to the nearest thousandth.

	Fraction	Ratio	Decimal	Percent	Working
1	$\frac{11}{88}$			12.5%	
2		28 : 32			
3	$\frac{13}{65}$		0.2		
4		18 : 40			
5	$\frac{99}{660}$		0.15		
6		18 : 24		75%	
7	$\frac{21}{150}$		0.14		
8		17 : 136			
9		12 : 80			
10	$\frac{35}{40}$				

Convert and round to the nearest thousandth.

1) $\frac{21}{32} =$ _____ 2) $\frac{49}{64} =$ _____ 3) $\frac{27}{32} =$ _____

4) 70 % = _____ 5) 0.39 = _____ 6) 62 % = _____

7) $\frac{53}{64} =$ _____ 8) 23.4 % = _____ 9) 0.73 = _____

10) 0.253 = _____ 11) $\frac{41}{64} =$ _____ 12) $\frac{39}{64} =$ _____

13) 0.815 = _____ 14) $\frac{3}{4} =$ _____ 15) 0.97 = _____

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	Fraction	Ratio	Decimal	Percent	Working
1	$\frac{11}{88}$	11 : 88	0.125	12.5%	
2	$\frac{28}{32}$	28 : 32	0.875	87.5%	
3	$\frac{13}{65}$	13 : 65	0.2	20%	
4	$\frac{18}{40}$	18 : 40	0.45	45%	
5	$\frac{99}{660}$	99 : 660	0.15	15%	
6	$\frac{18}{24}$	18 : 24	0.75	75%	
7	$\frac{21}{150}$	21 : 150	0.14	14%	
8	$\frac{17}{136}$	17 : 136	0.125	12.5%	
9	$\frac{12}{80}$	12 : 80	0.15	15%	
10	$\frac{35}{40}$	35 : 40	0.875	87.5%	

Convert and round to the nearest thousandth.

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|---|--|--|
| 1) $\frac{21}{32} = \underline{\hspace{2cm}} 0.656$ | 2) $\frac{49}{64} = \underline{\hspace{2cm}} 0.766$ | 3) $\frac{27}{32} = \underline{\hspace{2cm}} 0.844$ |
| 4) 70 % = <u> 0.70 </u> | 5) 0.39 = <u> 39 % </u> | 6) 62 % = <u> 0.62 </u> |
| 7) $\frac{53}{64} = \underline{\hspace{2cm}} 0.828$ | 8) 23.4 % = <u> 0.234 </u> | 9) 0.73 = <u> 73 % </u> |
| 10) 0.253 = <u> 25.3 % </u> | 11) $\frac{41}{64} = \underline{\hspace{2cm}} 0.641$ | 12) $\frac{39}{64} = \underline{\hspace{2cm}} 0.609$ |
| 13) 0.815 = <u> 81.5 % </u> | 14) $\frac{3}{4} = \underline{\hspace{2cm}} 0.75$ | 15) 0.97 = <u> 97 % </u> |