

Convert Between Percent, Decimal, Fraction and Ratios.

Name: _____

Date: _____

Convert and round to the nearest thousandth.

	Fraction	Ratio	Decimal	Percent	Working
1	$\frac{15}{16}$		0.937		
2		2 : 10		20%	
3	$\frac{3}{50}$				
4	$\frac{18}{75}$		0.24		
5		45 : 250		18%	
6	$\frac{52}{500}$			10.4%	
7		76 : 80	0.95	95%	
8	$\frac{32}{50}$	32 : 50			
9		23 : 25			
10	$\frac{88}{550}$		0.16		

Convert and round to the nearest thousandth.

1) $\frac{59}{64} =$ _____

2) $\frac{31}{32} =$ _____

3) $\frac{63}{64} =$ _____

4) 0.12 = _____

5) 0.415 = _____

6) 0.30 = _____

7) 20.4 % = _____

8) 23 % = _____

9) 89 % = _____

10) $\frac{29}{32} =$ _____

11) $\frac{61}{64} =$ _____

12) $\frac{15}{16} =$ _____

13) 0.61 = _____

14) 0.11 = _____

15) 0.981 = _____

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	Fraction	Ratio	Decimal	Percent	Working
1	$\frac{15}{16}$	15 : 16	0.937	93.7%	
2	$\frac{2}{10}$	2 : 10	0.2	20%	
3	$\frac{3}{50}$	3 : 50	0.06	6%	
4	$\frac{18}{75}$	18 : 75	0.24	24%	
5	$\frac{45}{250}$	45 : 250	0.18	18%	
6	$\frac{52}{500}$	52 : 500	0.104	10.4%	
7	$\frac{76}{80}$	76 : 80	0.95	95%	
8	$\frac{32}{50}$	32 : 50	0.64	64%	
9	$\frac{23}{25}$	23 : 25	0.92	92%	
10	$\frac{88}{550}$	88 : 550	0.16	16%	

Convert and round to the nearest thousandth.

1) $\frac{59}{64} = \underline{\quad 0.922 \quad}$ 2) $\frac{31}{32} = \underline{\quad 0.969 \quad}$ 3) $\frac{63}{64} = \underline{\quad 0.984 \quad}$

4) $0.12 = \underline{\quad 12 \% \quad}$ 5) $0.415 = \underline{\quad 41.5 \% \quad}$ 6) $0.30 = \underline{\quad 30 \% \quad}$

7) $20.4 \% = \underline{\quad 0.204 \quad}$ 8) $23 \% = \underline{\quad 0.23 \quad}$ 9) $89 \% = \underline{\quad 0.89 \quad}$

10) $\frac{29}{32} = \underline{\quad 0.906 \quad}$ 11) $\frac{61}{64} = \underline{\quad 0.953 \quad}$ 12) $\frac{15}{16} = \underline{\quad 0.937 \quad}$

13) $0.61 = \underline{\quad 61 \% \quad}$ 14) $0.11 = \underline{\quad 11 \% \quad}$ 15) $0.981 = \underline{\quad 98.1 \% \quad}$