

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

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

## Fractions, Decimals, Percents, Ratios

Provide the conversions. When necessary, round to the nearest thousandth.

1.

	Ratio	Fraction	Percent	Decimal
a.		5/9		
b.		1/1		
c.	1:4			
d.		1/7		
e.	6:9			
f.			20%	
g.	2:4			
h.				0.8
i.	5:6			
j.	3:6			

2.

	Ratio	Fraction	Percent	Decimal
a.		7/7		
b.	1:3			
c.		1/8		
d.		1/2		
e.		4/10		
f.		2/7		
g.			66.7%	
h.	8:10			
i.			60%	
j.				0.5

Convert. When necessary, round to the nearest thousandth.

3.  $\frac{4}{5} =$  \_\_\_\_\_      4.  $0.167 =$  \_\_\_\_\_      5.  $0.111 =$  \_\_\_\_\_      6.  $0.85 =$  \_\_\_\_\_

7.  $0.7 =$  \_\_\_\_\_      8.  $0.9 =$  \_\_\_\_\_      9.  $\frac{5}{12} =$  \_\_\_\_\_      10.  $0.8 =$  \_\_\_\_\_

11.  $\frac{7}{8} =$  \_\_\_\_\_      12.  $\frac{10}{14} =$  \_\_\_\_\_      13.  $\frac{3}{8} =$  \_\_\_\_\_      14.  $\frac{3}{10} =$  \_\_\_\_\_

15.  $0.5 =$  \_\_\_\_\_      16.  $0.25 =$  \_\_\_\_\_      17.  $0.167 =$  \_\_\_\_\_      18.  $\frac{2}{4} =$  \_\_\_\_\_

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## Fractions, Decimals, Percents, Ratios

Provide the conversions. When necessary, round to the nearest thousandth.

1.

	Ratio	Fraction	Percent	Decimal
a.	5:9	5/9	55.6%	0.556
b.	1:1	1/1	100%	1
c.	1:4	1/4	25%	0.25
d.	1:7	1/7	14.3%	0.143
e.	6:9	6/9	66.7%	0.667
f.	1:5	1/5	20%	0.2
g.	2:4	2/4	50%	0.5
h.	8:10	8/10	80%	0.8
i.	5:6	5/6	83.3%	0.833
j.	3:6	3/6	50%	0.5

2.

	Ratio	Fraction	Percent	Decimal
a.	7:7	7/7	100%	1
b.	1:3	1/3	33.3%	0.333
c.	1:8	1/8	12.5%	0.125
d.	1:2	1/2	50%	0.5
e.	4:10	4/10	40%	0.4
f.	2:7	2/7	28.6%	0.286
g.	2:3	2/3	66.7%	0.667
h.	8:10	8/10	80%	0.8
i.	3:5	3/5	60%	0.6
j.	3:6	3/6	50%	0.5

Convert. When necessary, round to the nearest thousandth.

3.  $\frac{4}{5} = \underline{0.8}$       4.  $0.167 = \underline{\frac{1}{6}}$       5.  $0.111 = \underline{\frac{2}{18}}$       6.  $0.85 = \underline{\frac{17}{20}}$

7.  $0.7 = \underline{\frac{7}{10}}$       8.  $0.9 = \underline{\frac{9}{10}}$       9.  $\frac{5}{12} = \underline{0.417}$       10.  $0.8 = \underline{\frac{12}{15}}$

11.  $\frac{7}{8} = \underline{0.875}$       12.  $\frac{10}{14} = \underline{0.714}$       13.  $\frac{3}{8} = \underline{0.375}$       14.  $\frac{3}{10} = \underline{0.3}$

15.  $0.5 = \underline{\frac{7}{14}}$       16.  $0.25 = \underline{\frac{1}{4}}$       17.  $0.167 = \underline{\frac{3}{18}}$       18.  $\frac{2}{4} = \underline{0.5}$