

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

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

## Fractions, Decimals, Percents, Ratios

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

1.

	Ratio	Fraction	Percent	Decimal
a.				0.571
b.			87.5%	
c.		3/3		
d.			37.5%	
e.		6/10		
f.		1/5		
g.		3/10		
h.			75%	
i.			50%	
j.		4/10		

2.

	Ratio	Fraction	Percent	Decimal
a.		1/3		
b.			75%	
c.			14.3%	
d.			100%	
e.				0.7
f.		4/5		
g.			25%	
h.	5:6			
i.			42.9%	
j.				0.778

Convert. When necessary, round to the nearest thousandth.

3.  $\frac{11}{20} =$  \_\_\_\_\_      4.  $0.833 =$  \_\_\_\_\_      5.  $\frac{3}{6} =$  \_\_\_\_\_      6.  $\frac{9}{12} =$  \_\_\_\_\_

7.  $0.75 =$  \_\_\_\_\_      8.  $\frac{3}{10} =$  \_\_\_\_\_      9.  $0.6 =$  \_\_\_\_\_      10.  $\frac{4}{6} =$  \_\_\_\_\_

11.  $0.667 =$  \_\_\_\_\_      12.  $\frac{5}{15} =$  \_\_\_\_\_      13.  $\frac{4}{5} =$  \_\_\_\_\_      14.  $0.667 =$  \_\_\_\_\_

15.  $\frac{2}{4} =$  \_\_\_\_\_      16.  $\frac{6}{14} =$  \_\_\_\_\_      17.  $0.938 =$  \_\_\_\_\_      18.  $0.6 =$  \_\_\_\_\_

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## Fractions, Decimals, Percents, Ratios

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

1.

	Ratio	Fraction	Percent	Decimal
a.	4:7	4/7	57.1%	0.571
b.	7:8	7/8	87.5%	0.875
c.	3:3	3/3	100%	1
d.	3:8	3/8	37.5%	0.375
e.	6:10	6/10	60%	0.6
f.	1:5	1/5	20%	0.2
g.	3:10	3/10	30%	0.3
h.	3:4	3/4	75%	0.75
i.	2:4	2/4	50%	0.5
j.	4:10	4/10	40%	0.4

2.

	Ratio	Fraction	Percent	Decimal
a.	1:3	1/3	33.3%	0.333
b.	6:8	6/8	75%	0.75
c.	1:7	1/7	14.3%	0.143
d.	6:6	6/6	100%	1
e.	7:10	7/10	70%	0.7
f.	4:5	4/5	80%	0.8
g.	1:4	1/4	25%	0.25
h.	5:6	5/6	83.3%	0.833
i.	3:7	3/7	42.9%	0.429
j.	7:9	7/9	77.8%	0.778

Convert. When necessary, round to the nearest thousandth.

3.  $\frac{11}{20} = 0.55$       4.  $0.833 = \frac{5}{6}$       5.  $\frac{3}{6} = 0.5$       6.  $\frac{9}{12} = 0.75$

7.  $0.75 = \frac{6}{8}$       8.  $\frac{3}{10} = 0.3$       9.  $0.6 = \frac{6}{10}$       10.  $\frac{4}{6} = 0.667$

11.  $0.667 = \frac{2}{3}$       12.  $\frac{5}{15} = 0.333$       13.  $\frac{4}{5} = 0.8$       14.  $0.667 = \frac{10}{15}$

15.  $\frac{2}{4} = 0.5$       16.  $\frac{6}{14} = 0.429$       17.  $0.938 = \frac{15}{16}$       18.  $0.6 = \frac{9}{15}$