

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

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

## Fractions, Decimals, Percents, Ratios

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

1.

	Ratio	Fraction	Percent	Decimal
a.				0.75
b.	5:6			
c.	5:9			
d.	4:9			
e.	1:7			
f.	2:2			
g.			33.3%	
h.	2:6			
i.		$\frac{2}{7}$		
j.				0.875

2.

	Ratio	Fraction	Percent	Decimal
a.	2:5			
b.			66.7%	
c.	5:6			
d.		$\frac{2}{9}$		
e.		$\frac{2}{2}$		
f.	8:10			
g.	2:4			
h.				0.5
i.	1:2			
j.	5:9			

Convert. When necessary, round to the nearest thousandth.

3.  $\frac{2}{8} =$  \_\_\_\_\_      4.  $\frac{1}{5} =$  \_\_\_\_\_      5.  $0.75 =$  \_\_\_\_\_      6.  $\frac{6}{8} =$  \_\_\_\_\_

7.  $0.5 =$  \_\_\_\_\_      8.  $0.833 =$  \_\_\_\_\_      9.  $0.333 =$  \_\_\_\_\_      10.  $0.375 =$  \_\_\_\_\_

11.  $0.25 =$  \_\_\_\_\_      12.  $\frac{3}{5} =$  \_\_\_\_\_      13.  $0.333 =$  \_\_\_\_\_      14.  $0.667 =$  \_\_\_\_\_

15.  $0.5 =$  \_\_\_\_\_      16.  $0.5 =$  \_\_\_\_\_      17.  $\frac{5}{8} =$  \_\_\_\_\_      18.  $0.167 =$  \_\_\_\_\_

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## Fractions, Decimals, Percents, Ratios

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

1.

	Ratio	Fraction	Percent	Decimal
a.	3:4	3/4	75%	0.75
b.	5:6	5/6	83.3%	0.833
c.	5:9	5/9	55.6%	0.556
d.	4:9	4/9	44.4%	0.444
e.	1:7	1/7	14.3%	0.143
f.	2:2	2/2	100%	1
g.	1:3	1/3	33.3%	0.333
h.	2:6	2/6	33.3%	0.333
i.	2:7	2/7	28.6%	0.286
j.	7:8	7/8	87.5%	0.875

2.

	Ratio	Fraction	Percent	Decimal
a.	2:5	2/5	40%	0.4
b.	2:3	2/3	66.7%	0.667
c.	5:6	5/6	83.3%	0.833
d.	2:9	2/9	22.2%	0.222
e.	2:2	2/2	100%	1
f.	8:10	8/10	80%	0.8
g.	2:4	2/4	50%	0.5
h.	5:10	5/10	50%	0.5
i.	1:2	1/2	50%	0.5
j.	5:9	5/9	55.6%	0.556

Convert. When necessary, round to the nearest thousandth.

3.  $\frac{2}{8} = \underline{0.25}$

4.  $\frac{1}{5} = \underline{0.2}$

5.  $0.75 = \underline{\frac{3}{4}}$

6.  $\frac{6}{8} = \underline{0.75}$

7.  $0.5 = \underline{\frac{2}{4}}$

8.  $0.833 = \underline{\frac{5}{6}}$

9.  $0.333 = \underline{\frac{2}{6}}$

10.  $0.375 = \underline{\frac{3}{8}}$

11.  $0.25 = \underline{\frac{1}{4}}$

12.  $\frac{3}{5} = \underline{0.6}$

13.  $0.333 = \underline{\frac{1}{3}}$

14.  $0.667 = \underline{\frac{2}{3}}$

15.  $0.5 = \underline{\frac{4}{8}}$

16.  $0.5 = \underline{\frac{3}{6}}$

17.  $\frac{5}{8} = \underline{0.625}$

18.  $0.167 = \underline{\frac{1}{6}}$