

Name: _____

Date: _____

Fractions, Decimals, Percents, Ratios

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

1.

	Ratio	Fraction	Percent	Decimal
a.			50%	
b.		6/6		
c.				0.667
d.			75%	
e.			80%	
f.		1/7		
g.		5/6		
h.		4/6		
i.		5/8		
j.				0.333

2.

	Ratio	Fraction	Percent	Decimal
a.		2/2		
b.	3:9			
c.		4/7		
d.				0.375
e.		7/8		
f.				0.5
g.			20%	
h.			75%	
i.	1:7			
j.		2/4		

Convert. When necessary, round to the nearest thousandth.

3. $0.5 =$ _____ 4. $0.2 =$ _____ 5. $\frac{3}{6} =$ _____ 6. $\frac{6}{8} =$ _____

7. $0.5 =$ _____ 8. $0.562 =$ _____ 9. $0.429 =$ _____ 10. $\frac{1}{8} =$ _____

11. $\frac{2}{3} =$ _____ 12. $\frac{2}{4} =$ _____ 13. $\frac{1}{3} =$ _____ 14. $0.6 =$ _____

15. $\frac{8}{14} =$ _____ 16. $\frac{13}{20} =$ _____ 17. $0.8 =$ _____ 18. $\frac{2}{14} =$ _____

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

1.

	Ratio	Fraction	Percent	Decimal
a.	2:4	2/4	50%	0.5
b.	6:6	6/6	100%	1
c.	2:3	2/3	66.7%	0.667
d.	3:4	3/4	75%	0.75
e.	8:10	8/10	80%	0.8
f.	1:7	1/7	14.3%	0.143
g.	5:6	5/6	83.3%	0.833
h.	4:6	4/6	66.7%	0.667
i.	5:8	5/8	62.5%	0.625
j.	1:3	1/3	33.3%	0.333

2.

	Ratio	Fraction	Percent	Decimal
a.	2:2	2/2	100%	1
b.	3:9	3/9	33.3%	0.333
c.	4:7	4/7	57.1%	0.571
d.	3:8	3/8	37.5%	0.375
e.	7:8	7/8	87.5%	0.875
f.	1:2	1/2	50%	0.5
g.	2:10	2/10	20%	0.2
h.	6:8	6/8	75%	0.75
i.	1:7	1/7	14.3%	0.143
j.	2:4	2/4	50%	0.5

Convert. When necessary, round to the nearest thousandth.

3. $0.5 = \frac{6}{12}$ 4. $0.2 = \frac{1}{5}$ 5. $\frac{3}{6} = 0.5$ 6. $\frac{6}{8} = 0.75$

7. $0.5 = \frac{10}{20}$ 8. $0.562 = \frac{9}{16}$ 9. $0.429 = \frac{6}{14}$ 10. $\frac{1}{8} = 0.125$

11. $\frac{2}{3} = 0.667$ 12. $\frac{2}{4} = 0.5$ 13. $\frac{1}{3} = 0.333$ 14. $0.6 = \frac{9}{15}$

15. $\frac{8}{14} = 0.571$ 16. $\frac{13}{20} = 0.65$ 17. $0.8 = \frac{8}{10}$ 18. $\frac{2}{14} = 0.143$