

Name: _____

Date: _____

Fractions, Decimals, Percents, Ratios

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

1.

	Ratio	Fraction	Percent	Decimal
a.				0.25
b.	7:8			
c.				1
d.	3:4			
e.			37.5%	
f.			33.3%	
g.				0.5
h.				0.667
i.			90%	
j.			40%	

2.

	Ratio	Fraction	Percent	Decimal
a.		1/3		
b.		5/5		
c.				0.3
d.			25%	
e.			90%	
f.			33.3%	
g.	1:2			
h.	1:5			
i.				0.429
j.			57.1%	

Convert. When necessary, round to the nearest thousandth.

3. $0.167 =$ _____ 4. $0.333 =$ _____ 5. $\frac{3}{8} =$ _____ 6. $\frac{4}{16} =$ _____

7. $\frac{2}{3} =$ _____ 8. $\frac{1}{4} =$ _____ 9. $0.429 =$ _____ 10. $\frac{1}{15} =$ _____

11. $0.2 =$ _____ 12. $\frac{3}{14} =$ _____ 13. $\frac{3}{6} =$ _____ 14. $0.95 =$ _____

15. $\frac{6}{16} =$ _____ 16. $0.722 =$ _____ 17. $\frac{11}{14} =$ _____ 18. $0.4 =$ _____

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1.

	Ratio	Fraction	Percent	Decimal
a.	1:4	1/4	25%	0.25
b.	7:8	7/8	87.5%	0.875
c.	7:7	7/7	100%	1
d.	3:4	3/4	75%	0.75
e.	3:8	3/8	37.5%	0.375
f.	2:6	2/6	33.3%	0.333
g.	3:6	3/6	50%	0.5
h.	2:3	2/3	66.7%	0.667
i.	9:10	9/10	90%	0.9
j.	2:5	2/5	40%	0.4

2.

	Ratio	Fraction	Percent	Decimal
a.	1:3	1/3	33.3%	0.333
b.	5:5	5/5	100%	1
c.	3:10	3/10	30%	0.3
d.	1:4	1/4	25%	0.25
e.	9:10	9/10	90%	0.9
f.	3:9	3/9	33.3%	0.333
g.	1:2	1/2	50%	0.5
h.	1:5	1/5	20%	0.2
i.	3:7	3/7	42.9%	0.429
j.	4:7	4/7	57.1%	0.571

Convert. When necessary, round to the nearest thousandth.

3. $0.167 = \frac{3}{18}$ 4. $0.333 = \frac{1}{3}$ 5. $\frac{3}{8} = 0.375$ 6. $\frac{4}{16} = 0.25$

7. $\frac{2}{3} = 0.667$ 8. $\frac{1}{4} = 0.25$ 9. $0.429 = \frac{6}{14}$ 10. $\frac{1}{15} = 0.067$

11. $0.2 = \frac{2}{10}$ 12. $\frac{3}{14} = 0.214$ 13. $\frac{3}{6} = 0.5$ 14. $0.95 = \frac{19}{20}$

15. $\frac{6}{16} = 0.375$ 16. $0.722 = \frac{13}{18}$ 17. $\frac{11}{14} = 0.786$ 18. $0.4 = \frac{4}{10}$