Name : _____ Score : _____

Teacher : _____ Date : _____

Common Percent Table

Fraction	Decimal	Percent
	0.05	
	0.1	
$\frac{1}{8}$		
$\frac{1}{5}$		
	0.25	
	0.3	
$\frac{3}{8}$		
	0.4	
	0.5	
		60 %
$\frac{5}{8}$		
		70 %
	0.75	
		80 %
$\frac{9}{10}$		

Name : Answer Key Score : _____

Teacher : _____ Date : _____

Common Percent Table

Fraction	Decimal	Percent
$\frac{5}{100} = \frac{1}{20}$	0.05	5%
$\frac{10}{100} = \frac{1}{10}$	0.1	10%
$\frac{1}{8}$	.125	12.5%
$\frac{1}{5}$	.2	20%
$\frac{25}{100} = \frac{1}{4}$	0.25	25%
$\frac{30}{100} = \frac{3}{10}$	0.3	30%
$\frac{3}{8}$	.375	37.5%
$\frac{40}{100} = \frac{2}{5}$	0.4	40%
$\frac{50}{100} = \frac{1}{2}$	0.5	50%
$\frac{60}{100} = \frac{3}{5}$	.6	60 %
$\frac{5}{8}$	.625	62.5%
$\frac{70}{100} = \frac{7}{10}$	.7	70 %
$\frac{75}{100} = \frac{3}{4}$	0.75	75%
$\frac{80}{100} = \frac{8}{10} = \frac{4}{5}$	.8	80 %
$\frac{9}{10}$	.9	90%

Name_____

Percent of Change

Date_____ Period____

Find each percent change to the nearest percent. State if it is an increase or a decrease.

1) From 45 ft to 92 ft

2) From 74 hours to 85 hours

3) From 74 ft to 75 ft

4) From 36 inches to 90 inches

5) From 94 miles to 34 miles

6) From 12 ft to 23 ft

7) From 83 hours to 76 hours

8) From 24 grams to 96 grams

9) From 20 tons to 99 tons

10) From 16 tons to 72 tons

11) From 117 minutes to 91 minutes

12) From 188 m to 42 m

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Name Answer Key

Percent of Change

Date _____ Period ____

Find each percent change to the nearest percent. State if it is an increase or a decrease.

1) From 45 ft to 92 ft

$92 - 45 = 47$ Change $= 47$, original $= 45$, $\frac{47}{45} = +104.4\%$

2) From 74 hours to 85 hours

$85 - 74 = 11$ $\frac{11}{74} = 15\%$

3) From 74 ft to 75 ft

$75 - 74 = 1$ $\frac{1}{74} = +1\%$

4) From 36 inches to 90 inches

$90 - 36 = 54$ $\frac{45}{36} = 150\%$

5) From 94 miles to 34 miles

$34 - 94 = -60$ $\frac{-60}{94} = -64\%$

6) From 12 ft to 23 ft

$23 - 12 = 11$ $\frac{11}{12} = 92\%$

7) From 83 hours to 76 hours

$76 - 83 = -7$ $\frac{-7}{83} = -8\%$

8) From 24 grams to 96 grams

$96 - 24 = 72$ $\frac{72}{24} = 300\%$

9) From 20 tons to 99 tons

$99 - 20 = 79$ $\frac{79}{20} = +395\%$

10) From 16 tons to 72 tons

$72 - 16 = 56$ $\frac{56}{16} = 350\%$

11) From 117 minutes to 91 minutes

$91 - 117 = -26$ $\frac{-26}{117} = -22\%$

12) From 188 m to 42 m

$42 - 188 = -146$ $\frac{-146}{188} = -78\%$

 Name_____

Percent Problems

Date_____ Period____

Solve each problem. Round to the nearest tenth or tenth of a percent.

1) What percent of 29 is 3?

2) What percent of 33.5 is 21?

3) What percent of 55 is 34?

4) 41% of 78 is what?

5) 28% of 63 is what?

6) 58% of what is 63.4?

7) 1 is what percent of 52.6?

8) What percent of 38 is 15?

9) 4% of 73 is what?

10) What is 12% of 17.5?

11) 79% of 67 miles is what?

12) What is 59% of 14 m?

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Name Answer Key

Percent Problems

Date _____ Period ____

Solve each problem. Round to the nearest tenth or tenth of a percent.

1) What percent of 29 is 3?

$\frac{3}{29} \times 100 = 10.3\%$

2) What percent of 33.5 is 21?

$\frac{21}{33.5} \times 100 = 62.7\%$

3) What percent of 55 is 34?

$\frac{34}{55} \times 100 = 61.8\%$

4) 41% of 78 is what?

$.41 \times 78 = 32$

5) 28% of 63 is what?

$.28 \times 63 = 17.6$

6) 58% of what is 63.4?

$\frac{.58x}{.58} = \frac{63.4}{.58}$

$x = 109.3$

7) 1 is what percent of 52.6?

$\frac{1}{52.6} \times 100 = 1.9\%$

8) What percent of 38 is 15?

$\frac{15}{38} = 39.5\%$

9) 4% of 73 is what?

$.04 \times 73 = 2.9$

10) What is 12% of 17.5?

$.12 \times 17.5 = 2.1$

11) 79% of 67 miles is what?

$.79 \times 67 = 52.9$

12) What is 59% of 14 m?

$.59 \times 14 = 8.3$