Math 9 Name_____ ID: 1

HW 1-6

Date_____

***Graded HW:**

Write the decimal as a percent.

1) 0.09

A) 1% B) 11% C) 9%

2) 0.12

A) 1% B) 3% C) 12%

Write the decimal as a fraction. Simplify to lowest terms.

3) 0.75

A) $\frac{1}{100}$ B) $\frac{3}{4}$ C) $1\frac{1}{3}$

4) 0.24

A) $\frac{6}{25}$ B) $2\frac{2}{5}$ C) $6\frac{1}{4}$

Write the fraction as a decimal.

5) $\frac{7}{16}$

A) 0.44 B) 43.75
C) 2.29

6) $\frac{16}{25}$

A) 16.25 B) 0.64
C) 0.71

Write the fraction as a percent.

7) $\frac{4}{5}$

A) 81% B) 80% C) 1%

8) $\frac{3}{4}$

A) 75% B) 1% C) 3%

Write the percent as a decimal.

9) 1%

A) 0.21 B) 0.01 C) 1

10) 40%

A) 0.4 B) 0.49 C) 40

Write the percent as a fraction.

11) 42%

A) 42 B) 43 C) $\frac{21}{50}$

12) 2%

A) 2 B) $\frac{1}{50}$ C) 15

13) Eighteen out of twenty people in a survey said that vanilla ice cream is their favorite flavor of ice cream. What percent is this?

A) 90% B) 18% C) 36%

14) 87% of the students in your class do not plan to attend summer school. What percent of your class plans to attend summer school?

A) 36% B) 13% C) 87%

Name _____ Class _____ Date _____

3.3 Independent Practice

COMMON CORE 6.NS.7, 6.NS.7a, 6.NS.7b

Personal Math Trainer
Online Assessment and Intervention

22. Rosa and Albert receive the same amount of allowance each week. The table shows what part of their allowance they each spent on video games and pizza.

	Video games	Pizza
Rosa	0.4	$\frac{2}{5}$
Albert	$\frac{1}{2}$	0.25

a. Who spent more of their allowance on video games? Write an inequality to compare the portion spent on video games.

_____

b. Who spent more of their allowance on pizza? Write an inequality to compare the portion spent on pizza.

_____

c. **Draw Conclusions** Who spent the greater part of their total allowance? How do you know?

_____

_____

23. A group of friends is collecting aluminum for a recycling drive. Each person who donates at least 4.25 pounds of aluminum receives a free movie coupon. The weight of each person's donation is shown in the table.

	Brenda	Claire	Jim	Micah	Peter
Weight (lb)	4.3	5.5	$6\frac{1}{6}$	$\frac{15}{4}$	$4\frac{3}{8}$

a. Order the weights of the donations from greatest to least.

_____

b. Which of the friends will receive a free movie coupon? Which will not?

_____

c. **What If?** Would the person with the smallest donation win a movie coupon if he or she had collected $\frac{1}{2}$ pound more of aluminum? Explain.

_____

_____

_____