

Assignment Record Sheet


Math Core A

Full Name: _____

Week: 1/20-1/24

Unit Name: Comparing Bits & Pieces

Period: 4

Date Assigned	Focus Question??	Homework (IP=in packet)		Meets Expectation (15 points)	Approaching Expectations (5 points)	Below Expectation (0 points)
Monday Jan. 20		NO SCHOOL Martin Luther King Jr. Day		WU: CW: HW:		
Tuesday Jan. 21	<i>In what way is a percent like a ratio and a fraction?</i>	WU: None CW: Unit Test Review – Day 1 (IP) HW: None		WU: CW: HW:		
Wed. Jan. 22	<i>In what way is a percent like a ratio and a fraction?</i>	WU: None CW: Unit Test Review – Day 2 (IP) HW: None		WU: CW: HW:		
Thursday Jan. 23	<i>In what way is a percent like a ratio and a fraction?</i>	WU: None CW: Unit Test – Day 1 HW: None		WU: CW: HW:		
Friday Jan. 24	<i>In what way is a percent like a ratio and a fraction?</i>	WU: None CW: Unit Test – Day 2 HW: None <i>Turn in your math packet</i>		WU: CW: HW:		

How are part

Total Homework Score for the Week: _____/60

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Daily Materials Score _____/20

Name

Date

cw 1/21 - 1/22 Class Per. 4

Comparing Bits and Pieces

Unit Test Review

1. Write each of the following ratios as a fraction, decimal, and percent.

	Ratio	Fraction	Decimal	Percent
a.	30 days out of 100 days			
b.	20 correct out of 25 problems			
c.	3 out of 4 games won			
d.	21 out of 40 mountain bikes			

2. The ratio of males to total students in a mathematics class is 12 to 30.

a. What fraction of the class is male? What percent is male?

b. What fraction of the class is female? What percent is female?

3. For parts (a)-(c), circle the fraction, decimal, or percent that is *not* equivalent to the others. Explain why it is not equivalent.

a. 0.60 0.6 6%

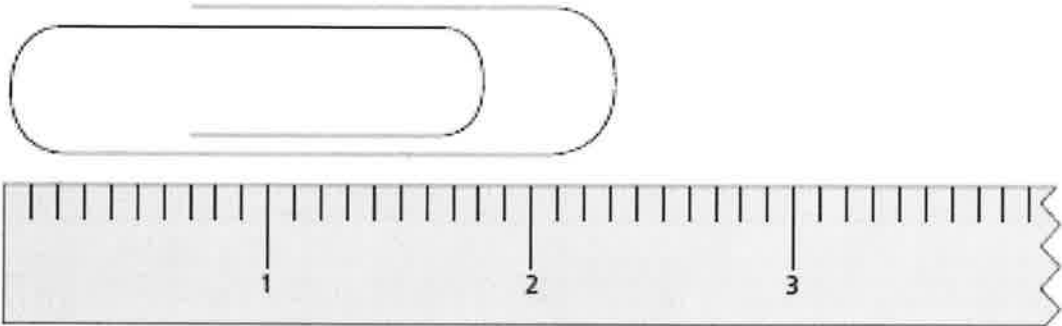
b. $\frac{1}{25}$ 25% 0.25

c. $\frac{9}{5}$ 1.8 108%

Comparing Bits and Pieces

Unit Test Review (continued)

4. This drawing shows part of a centimeter ruler. **The drawing has been enlarged.** The small marks indicate millimeters. The large marks indicate centimeters.



- a. What fraction of a centimeter is each millimeter?

- b. Draw a mark on the ruler at 3.2 cm.

- c. How many millimeters is 3.2 cm?

- d. According to the ruler, how long is the paper clip?

Comparing Bits and Pieces

Unit Test Review (continued)

5. Arrange these decimals from least to greatest.

6.00 0.56 0.060 0.6 0.056

6. Arrange these decimals from least to greatest.

-6.00 -0.56 -0.060 -0.6 -0.056

7. Decide whether each pair of fractions is *equivalent* or *not equivalent*.

Explain your reasoning.

a. $\frac{3}{4} \square \frac{10}{12}$

b. $-\frac{5}{10} \square -\frac{4}{8}$

c. $\frac{10}{8} \square 1\frac{1}{4}$

C/W

Comparing Bits and Pieces

Unit Test Review (continued)

8. Blake was listening to his favorite radio station. He noticed that during one hour, 15 songs were played and 3 of them were by a group from Michigan.

- a. What is the ratio of songs by the group from Michigan to the number of songs played?
- b. Write this as a unit rate.
- c. Suppose the station continues to play this ratio of songs. How many times will Blake hear songs by this same group in the next three hours?

9. a. How many thirds are in $-3\frac{2}{3}$?

b. How many fifths are in 1.8?

10. Write each fraction as a decimal.

a. $-2\frac{7}{100}$

b. $\frac{7}{8}$

c. $\frac{21}{30}$

11. Write each decimal as a fraction.

a. -0.8

b. 0.04

c. -2.505