

**RELATIONSHIPS AMONG FRACTIONS, DECIMALS AND PERCENTS UNIT 1
GRADE 7 REVIEW SHEET**

Name _____ Date _____

Directions: Read each question carefully and show all work on the answer sheet.

1) Place the following numbers in order from **least to greatest**:

3 3.6 $4\frac{1}{2}$ 4.8 4.08 0.31

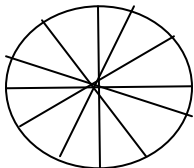
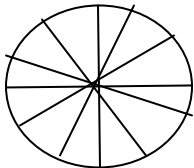
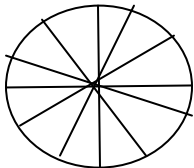
2) Circle the fraction that has the greatest value. $\frac{6}{8}$ $\frac{2}{8}$ $\frac{4}{6}$ $\frac{10}{16}$

Explain why you chose the fraction you did.

3) Kennedy has 3,463 baseball cards. Round to the closest ten _____

4) Sasha averaged 4.07 minutes per mile and Arie averaged 4.3 minutes per mile. Who had the highest average? _____

5) Shade in $2\frac{2}{3}$ of the figures.



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6) The thermometer decreased $3\frac{5}{8}$ degrees from Wednesday to Thursday. Circle the number that it is closest to: a) 3 b) $3\frac{1}{2}$ c) 4 d) $4\frac{1}{2}$

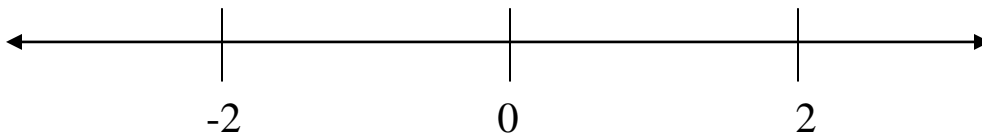
7) Lisa had a party with her friends and they ate pizza. Mary ate $\frac{9}{16}$ of the pizza. Philip ate $\frac{6}{10}$ of the pizza. Marsha ate $\frac{3}{4}$ of the pizza and Joseph ate $\frac{1}{2}$ of the pizza. Who ate the most amount of pizza? _____
Explain why you chose the person you did.

8) Complete the chart below:

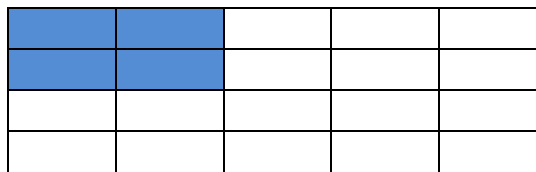
Fraction/Mixed Number	Decimal	Percent
	0.08	
		38%
$2\frac{2}{5}$		
	0.72	
		71.4%

9) Locate the following numbers on the number line:

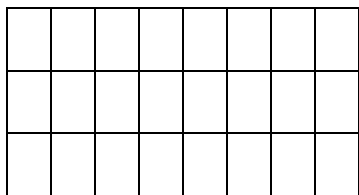
A) -3 B) $\frac{3}{4}$ C) $1\frac{2}{3}$



10) What percent of the grid is shaded? _____



(1 pt) 11) Shade in $\frac{3}{8}$ of this shape.



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12) Walter climbed $\frac{4}{5}$ of the mountain. What percent names the same amount?

Answer _____

13) Derrick drank $5\frac{4}{5}$ bottles of juice and Cindy drank $5\frac{4}{10}$ Who drank more water?

_____ Explain why you chose the person you did.

14) Complete the chart.

Fraction	Decimal	Write Terminating or Repeating
$\frac{4}{10}$		
$\frac{2}{3}$		
$\frac{3}{8}$		

Explain the difference between a terminating versus a repeating decimal.

15) Reflection: What have you learned during this unit that you were confused about before? What techniques have we used in class to make learning easier for you? Do you think you have mastered this unit? If yes, why? If no, why not?
