Name _____ Period _____ Homework Date *Reg. Sept.27 – Oct. 4*

Homework Grading Sheet

Fill in the information above the dotted line completely and accurately. Not completing this form and/or not grading papers correctly/honestly will result in a maximum grade of 50. ***If less than 50% of an assignment is completed, the grade will be calculated as the number of questions correct/total number of questions (I.e. 1/20 = 5%).***

1) Homework Completion: Number of problems not done   _____

2) Homework Accuracy: Number of X's (problems missed out of those completed)   _____

3) I do not have my homework to turn in because

_____

_____.

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(Teacher use Only)

Completion Points	Accuracy Points (for completion of 50% or more)
5 pts: 100% completion	5 pts: 100% accuracy
4.5 pts: 90 – 99% completion	4.5 pts: 90 – 99% accuracy
4 pts: 80 – 89% completion	4 pts: 80 – 89% accuracy
3 pts: 70 – 79% completion	3 pts: 70 – 79% accuracy
2 pts: 60 – 69% completion	2 pts: 60 – 69% accuracy
1 pt: 50 - 59% completion	1 pt: 59% and below accuracy
0 pts: Less than 50% completed	0 pts: No problems correct

Points earned/10 points = _____ /10pts =   _____

                                                            Final Homework Grade

All work must be shown for credit. Staple any separate paper used.

Unit: Numerical Representations

Name _____

Date _____ Pd _____

ORDERING RATIONAL NUMBERS

Use the table below to answer questions 1-4.

1. Who is the tallest?

2. Which child is shorter than Ellis?

3. Which children are taller than 35.5 inches?

4. Order the heights from shortest to tallest.

CHILD	HEIGHT INCHES
Sam	$35\frac{5}{6}$
Jesse	$35\frac{3}{8}$
Ellis	$35\frac{1}{4}$
Elsa	35.1
Jonah	35.7

Answer the questions below. Be sure to show work and justify your thinking.

5. Andrew is working to place the following cards in order from least to greatest. Explain whether or not he is correct.

| 0.09 | 10% | $\frac{3}{20}$ | 60% | $\frac{2}{3}$ |

6. Over the year the water level of various lakes rose by the amounts listed:

$$7\%, \frac{1}{12}, 18\%, \frac{1}{25}$$

Which lists represents the numbers in order from least to greatest?

A. $7\%, \frac{1}{12}, 18\%, \frac{1}{25}$

B. $\frac{1}{25}, 7\%, \frac{1}{12}, 18\%$

C. $\frac{1}{25}, 7\%, 18\%, \frac{1}{12}$

D. $\frac{1}{12}, 7\%, 18\%, \frac{1}{25}$

Use >, <, = to make the expressions true.

7. $\frac{2}{7}$ ◯ 0.25

8. $\frac{4}{5}$ ◯ 8%

9. 37% ◯ 0.375

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

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Write the appropriate integer for each situation below.

10. ___−12___ fumbling the ball and losing 12 yards

11. _____ an increase in elevation of 500 feet

12. _____ Oxygen has 8 protons

13. _____ a credit to your account of $45
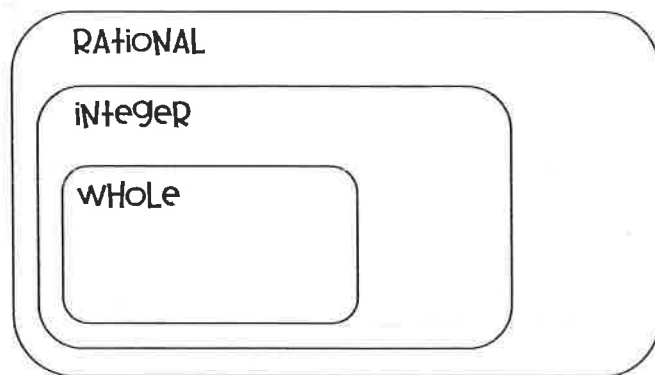
Classify the following numbers as whole, integer, or rational numbers. Use the diagram to help.

14. _____ −18.0

15. _____ 10.05

16. _____ $-5\frac{1}{6}$

17. _____ $\frac{12}{3}$

RATIONAL

INTEGER

WHOLE

Determine which value matches the description below. Use the number line to help you.

18. _____ the opposite of −9

19. _____ the opposite of $4\frac{1}{3}$

20. _____ an integer that is neither positive nor negative