

Name _____
Review Assessment: Due February 18th, 2014

Directions: Show all work for each question.

1. Change the fraction $\frac{3}{8}$ to a decimal.

2. Write the standard form: one and six hundredths

3. Round to the nearest tenth: 0.57

Directions: Use $<$, $>$, or $=$ to make a true statement.

4. 0.071 _____ 0.161 5. 24.234 _____ 24.29

Directions: Add, subtract, multiply, or divide.

6. $0.671 + 2.34$ 7. $23.76 - 8.4$

8. 0.24×1.1 9. $0.0042 \div 0.07$

Directions: Use $<$, $>$, or $=$ to make a true statement.

10. -3 _____ 0 11. 5 _____ -5 12. -3 _____ -4

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

Directions: Evaluate each expression.

13. $|-10| = \underline{\hspace{2cm}}$

14. $|7| = \underline{\hspace{2cm}}$

15. $|-6| + |-5| = \underline{\hspace{2cm}}$

Directions: Use a T-chart to show your work.

16. $(-6) + (-3) = \underline{\hspace{2cm}}$

17. $5 + (-3) = \underline{\hspace{2cm}}$

18. $6 - (-3) = \underline{\hspace{2cm}}$

19. $(-5) - 4 = \underline{\hspace{2cm}}$

20. The table below shows how some elevation samples compare to the level of a road:

Elevation Sample	A	B	C	D	E	F
Elevation (from the road)	3.1	-0.5	2.2	1.3	-4.5	-0.9

Write the values in the table in order from least to greatest.

$\underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}}$

21. Julia is learning about elevation in math class. She decided to research some facts about New York State to better understand the concept. Here are some facts that she found:

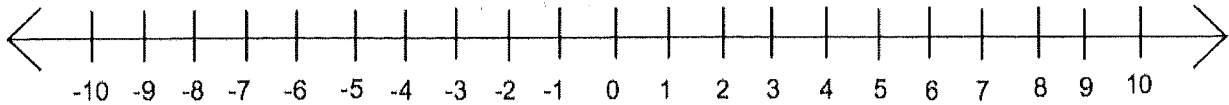
- Mount Marcy is the highest point in New York State. It is 5,343 feet above sea level.
- Lake Erie is 210 feet below sea level.
- The elevation of Niagara Falls, NY is 614 feet above sea level.
- The lobby of the Empire State Building is 50 feet above sea level.
- The lowest point of Cayuga Lake is 435 feet below sea level.

a. Write an integer that represents each location in relationship to sea level.

Mount Marcy	_____
Lake Erie	_____
Niagara Falls, NY	_____
Empire State Building	_____
Cayuga Lake	_____

b. Explain what an integer is.

22. Choose an integer between 0 and -5 on a number line and label the point P . Locate and label each of the following points and their values on the number line.



- a. Label point A : the opposite of P
- b. Label point B : a number less than P
- c. Label point C : a number greater than P

23. Sammy and David were selling water bottles to raise money for new football uniforms. Sammy sold 5 water bottles for every 3 water bottles David sold. Together they sold 160 water bottles. How many did each boy sell? Use a tape diagram to support your answer.

24. The chess club has 8 girls and a total of 20 members. Write the ratio of girls to boys in simplest form.

- A. 2 to 3
- B. 3 to 2
- C. 2 to 5
- D. 5 to 2

25. A list of 782 names is divided equally into 34 columns. How many names are in each column?

- A. 23
- B. 32
- C. 43
- D. 230

26. At Lauren's school, 60% of the students own calculators. There are 250 students in the school. How many own calculators?

- A. 15
- B. 60
- C. 150
- D. 180

27. Mr. Liston bought lunch for \$12.80. He gave the waiter a tip of 15%. How much money did the waiter receive?

- A. \$1.28
- B. \$1.92
- C. \$2.56
- D. \$3.84

28. Louise has $4\frac{4}{5}$ of red crepe paper. She needs $1\frac{3}{5}$ yards of crepe paper to make a costume for a play. How many costumes can she make?

- A. $6\frac{1}{5}$ costumes
- B. 5 costumes
- C. 4 costumes
- D. 3 costumes