

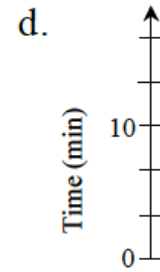
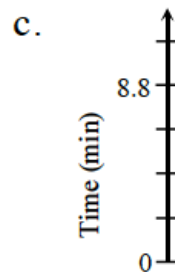
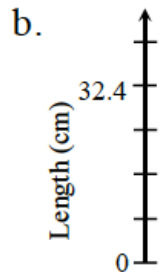
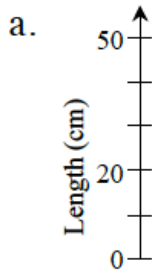
Assigned Thursday 10/17, due Friday 10/25

NO Work Shown, NO Credit Given

Period _____

Problem #1-#5 can be completed on this paper. The work for problems #6-13 needs to be attached on a separate piece of paper.

1. Label the missing numbers on each of these incomplete number lines.



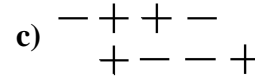
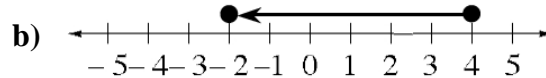
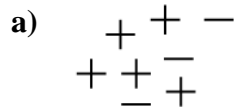
2. Simplify each of the following expressions.

a) $7 + 3 + 2 + (-4)$

b) $8 + 6 + 2 + (-5)$

c) $-10 + 3 + 4 + 5$

3. Write an expression to represent each of the following sketches. Then give the value of each sketch.

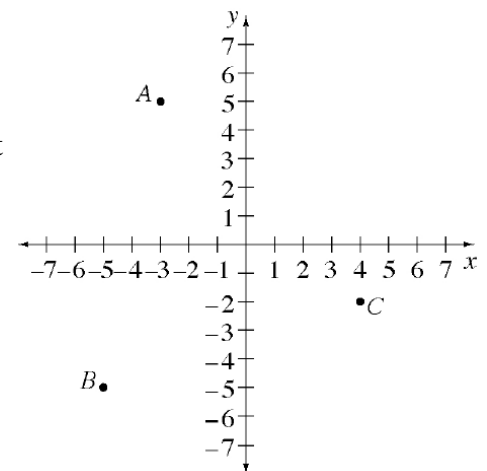


4. One of the topics you will review in this course is reading graphs. Look at the graph below. This graph shows positive and negative values on both axes. It divides the flat surface into four parts, or quadrants, and is therefore called a **four-quadrant graph**.

a) Label the quadrants I, II, III, IV (Internet can help here).

b) Name the coordinates (x, y) for points B and C.

c) If Samantha moved point A 9 units down and 6 units to the right, at what point would she end up?



5. Rewrite each decimal as a fraction. You don't need to simplify.

a) $0.\bar{7}$

b) 0.12


c) $0.\overline{12}$


d) 0.00003


e) $0.\overline{029}$


Please solve problems #6-#13 on an attached sheet of paper.


6. Complete each portion web.

a) $\frac{1}{8}$


b) $\frac{4}{9}$


c) 3%


d) 0.8


e) $0.\bar{8}$


7. Rewrite fraction below as a mixed number or whole number.

a) $\frac{11}{2}$

b) $\frac{11}{3}$

c) $\frac{20}{6}$

d) $\frac{100}{9}$

e) $\frac{1000}{9}$

8. Rewrite the following fractions as decimals.

a) $\frac{7}{8}$

b) $\frac{2}{9}$

c) $\frac{5}{6}$

d) $\frac{1}{12}$

e) $\frac{1}{11}$

9. Draw a generic rectangle for each product.

a) $54 \cdot 32$

b) $261 \cdot 78$

10. Ian's uncle gave him money for his birthday. Ian plans to put half of the money in his savings account, spend $\frac{1}{5}$ of the money on bubble gum to share with his friends, and buy comics with the money he has left. What fraction of the money will he spend on comics?

11. Gracie loves to talk on the phone, but her parents try to limit the amount of time she talks. They decided to keep a record of the number of minutes that she spends on the phone each day. Here are the data for the past ten days: 120, 60, 0, 30, 15, 0, 0, 10, 5, and 20.

a) Find the median for the information.

b) Find the mean for the information.

c) Which of the two measures above would give Gracie's parents the most accurate information about her phone use? Why do you think so?

12. John has a bag of marbles that contains 12 red marbles, 20 green marbles, and 17 blue marbles.

a) If John pulls one marble out of the bag, what is the probability that it will not be red? That is, $P(\text{not red})$? Write your probability as a fraction.

b) What is the probability that he will draw a blue marble? That is, $P(\text{blue})$?

13. On Saturday, Stella worked for two hours helping her mother around the house. She spent $\frac{1}{3}$ of her time doing laundry, $\frac{1}{4}$ of her time cleaning, and the rest of her time working in the yard. How much of her time was spent in the yard? Show all of your work. Use a diagram if it helps.