



4. Con'd

d)  $125 - \frac{8}{15}$

f)  $859 \frac{13}{739} - 319 \frac{23}{739}$

g)  $3895 \frac{256}{277} + 659 \frac{29}{277}$

5. Give the answer for each of the following:

a)  $0 \div 32$

b)  $16 \cdot 0$

c)  $113 \div 0$

6. Indicate which set of numbers each of the following come from. List all sets to which the number belongs.

a)  $\sqrt{11}$

b)  $-\frac{1}{\sqrt{36}}$

c) 3.14

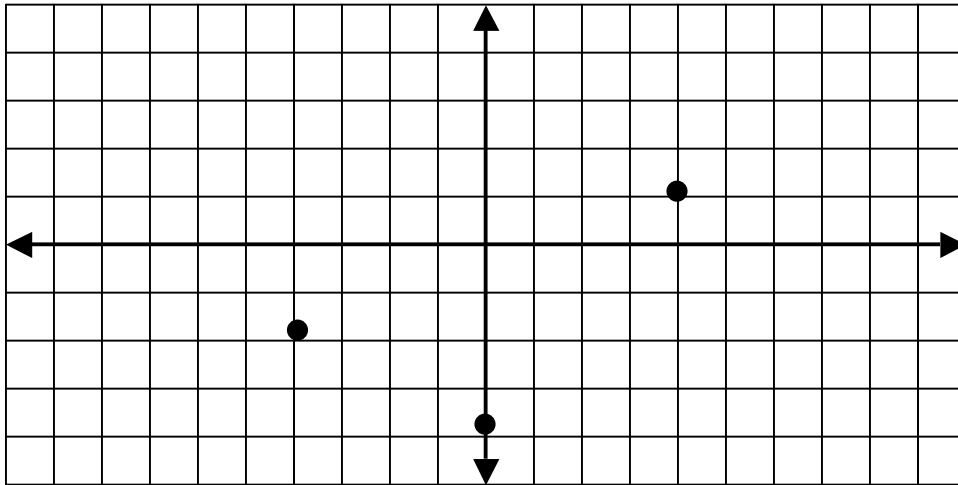
d)  $-\sqrt{9}$

7. Describe the **integers** greater than 13 using set builder notation.

8. Consider the set  $\{-0.5, 13, 0, -\sqrt{13}, -6, \sqrt{5}, \frac{1}{2}\}$  and choose the set that represents. Using a roster, give the members of this set that are irrational.

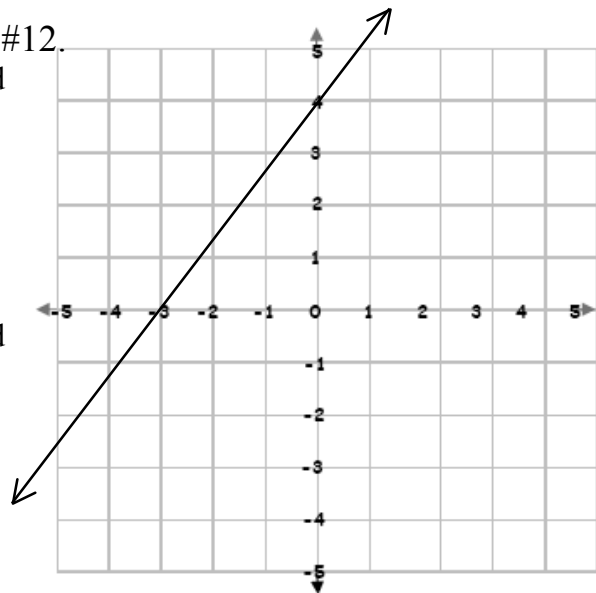
9. consider the following set  $\{-27, -1.2, -\frac{2}{3}, 0, \frac{1}{2}, 1.9, 3, 1000.2, 1019009\}$  write the subset of the **counting/natural numbers** using roster form.

10. Label the Rectangular Coordinate System with the following elements:
- origin (use the correct ordered pair)
  - four quadrants
  - the x & y axes
  - up to positive **and** negative 5 (by ones) on **both** axes (assume each line is 1 unit)
  - the following ordered pairs (label w/ ordered pair):  $(4, -5)$  ;  $(-2, 0)$  ;  $(-1, 4)$
  - the three points shown on the axes with the correct ordered pairs



Use the graph shown to the right for #11 & #12.

- Put a point on the line at the x-intercept and label it with the correct ordered pair. Give the ordered pair here.
- Put a point on the line at the y-intercept and label it with the correct ordered pair. Give the ordered pair here.





20. John and Susan collected walnuts over three days. On the first day, they collect 5.5 pounds of walnuts, on the second day they collected 9.6 pounds of walnuts and on the third day they collected 7.7 pounds. What was the average amount collected per day?