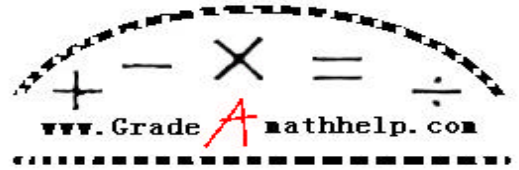


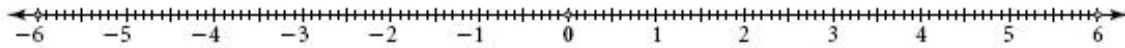
NAME \_\_\_\_\_



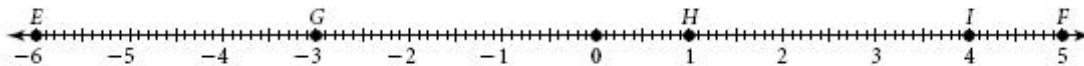
Date \_\_\_\_\_ Class \_\_\_\_\_

### Notes: Measuring Length

1) Measuring length is done by a geometric "ruler" or a \_\_\_\_\_.



2) How can we find the distance between two points on a number line?



Remember:  
Length of segment AB is written as \_\_\_\_\_ or \_\_\_\_\_

3) \_\_\_\_\_ figures are figures that have the same size and shape.

4) Segment \_\_\_\_\_ Postulate states that...

5) The difference between congruent & equal:

6) Notes from the activity:

7) We just modeled the \_\_\_\_\_. Formally it says....

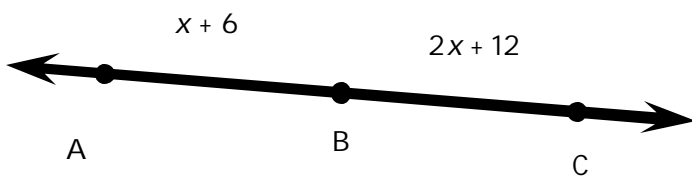
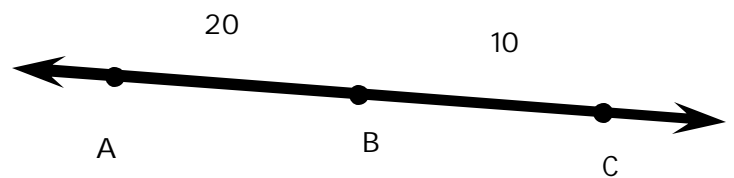
a) If point \_\_\_\_\_ is between points \_\_\_\_\_ and \_\_\_\_\_ then



Thus,  $AB + BC = AC$

Note: It does not have to be these specific letters

Example: #1 - What is the length of AC ?



Example: #2

If the length of AC = 27, what is the length of AB ?

Example: #3

If LeBron James runs 35 feet from one end of the court, and he knows that the entire length of the court is 90 feet, how much farther does he have to run to get to the end?