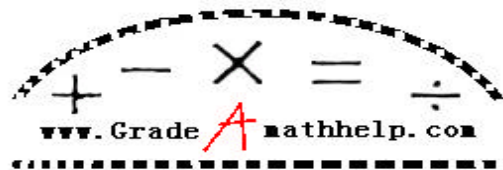


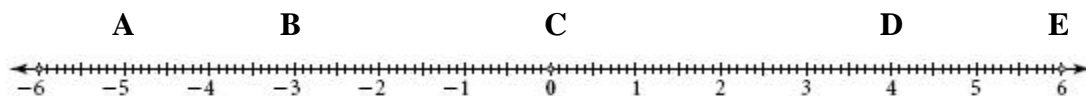
NAME _____

Date _____ Class _____



Measuring Length: Practice A

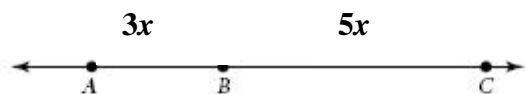
1. Congruent figures have the same _____ and _____.
2. For segments to be congruent, we must only test one of these two factors, which one must we test?
3. In your own words, describe the difference between "equal" and "congruent."
4. Using the number line below, find the measurements of the following segments.



AB = _____ BD = _____ AC = _____ EB = _____ DB = _____

5. Point F is located at -6.25 and point G is located at 3.5. Find $FG =$ _____ .

6. Using the diagram below, find the indicated measures if $AC = 40$



$x =$ _____ $BC =$ _____

7. The length of $XY = x + 3$, and $YZ = 2x + 7$. If Y is between points X and Z , and $XZ = 31$, what is the length of YZ ? Note, X, Y, Z are collinear. Draw a diagram to help solve the problem.

8. You are taking a trip to Ocean City with your friends. When you left your home in Rockville this morning, your odometer read "20,255." Along the way, you see a sign that reads "Ocean City - 80 miles." At the time that you see the sign, your odometer reads "20,368." Use this information to find the distance from Rockville to Ocean City.