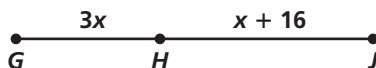


# Practice 1-5

## Measuring Segments

If  $GJ = 32$ , find the value of each of the following.

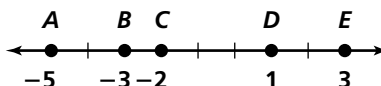
1.  $x$
2.  $GH$
3.  $HJ$



4. Find  $PD$  if the coordinate of  $P$  is  $-7$  and the coordinate of  $D$  is  $-1$ .
5. Find  $SK$  if the coordinate of  $S$  is  $17$  and the coordinate of  $K$  is  $-5$ .
6. Find the coordinate of  $B$  if  $AB = 8$  and the coordinate of  $A$  is  $-2$ .
7. Find the coordinate of  $X$  if  $XY = 1$  and the coordinate of  $Y$  is  $0$ .

Find the length of each segment. Tell whether the segments are congruent.

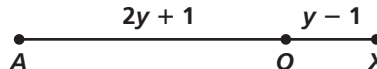
8.  $\overline{AC}$  and  $\overline{BD}$
9.  $\overline{AD}$  and  $\overline{BE}$



10. Find the midpoint of  $\overline{AD}$ .

If  $AX = 45$ , find the value of each of the following.

11.  $y$
12.  $AQ$
13.  $QX$



14. If  $AC = 62$ , find the value of  $x$ .  
Then find  $AB$  and  $BC$ .
15. If  $AC = 206$ , find the value of  $x$ .  
Then find  $AB$  and  $BC$ .

