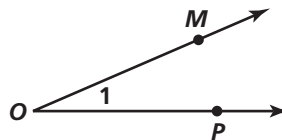
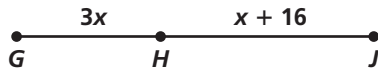


# Practice 1-4

## Measuring Segments and Angles

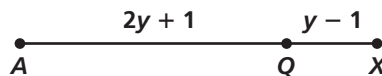
.....  
If  $GJ = 32$ , find the value of each of the following.

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  $0$ .
8. Name the angle at the right in three different ways.



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

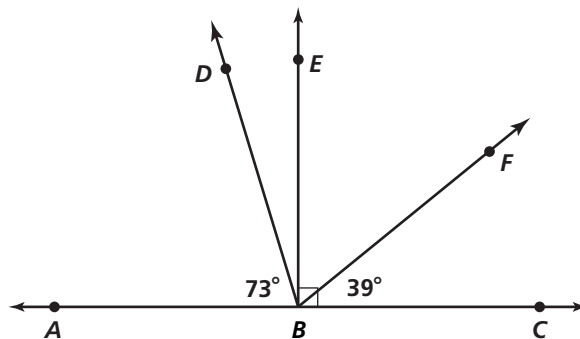
9.  $y$
10.  $AQ$
11.  $QX$



Find the measure of each angle.

12.  $\angle EBF$
13.  $\angle EBA$
14.  $\angle DBE$
15.  $\angle DBC$
16.  $\angle ABF$
17.  $\angle DBF$

18. Name all acute angles in the figure.
19. Name all obtuse angles in the figure.
20. Name all right angles in the figure.



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

