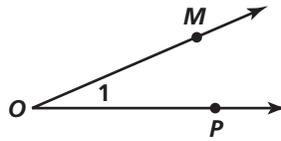


# Practice 1-4

## Measuring Segments and Angles

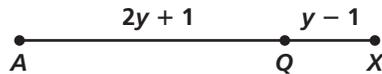
If  $GJ = 32$ , find the value of each of the following.

- $x$
- $GH$
- $HJ$
- Find  $PD$  if the coordinate of  $P$  is  $-7$  and the coordinate of  $D$  is  $-1$ .
- Find  $SK$  if the coordinate of  $S$  is  $17$  and the coordinate of  $K$  is  $-5$ .
- Find the coordinate of  $B$  if  $AB = 8$  and the coordinate of  $A$  is  $-2$ .
- Find the coordinate of  $X$  if  $XY = 1$  and the coordinate of  $Y$  is  $0$ .
- Name the angle at the right in three different ways.



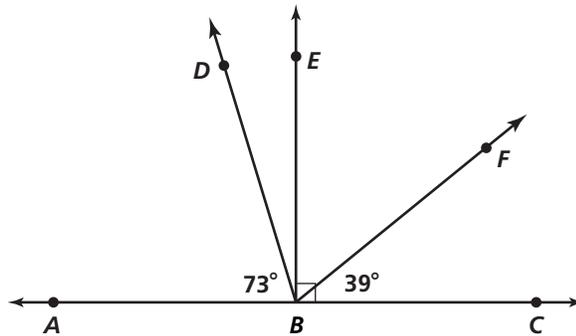
If  $AX = 45$ , find the value of each of the following.

- $y$
- $AQ$
- $QX$



Find the measure of each angle.

- $\angle EBF$
- $\angle EBA$
- $\angle DBE$
- $\angle DBC$
- $\angle ABF$
- $\angle DBF$



- Name all acute angles in the figure.
- Name all obtuse angles in the figure.
- Name all right angles in the figure.
- If  $AC = 62$ , find the value of  $x$ . Then find  $AB$  and  $BC$ .
- If  $AC = 206$ , find the value of  $x$ . Then find  $AB$  and  $BC$ .

