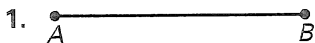


**Practice C**

For use with pages 34–42

Use a ruler to measure and redraw the line segment on a piece of paper. Then use construction tools to find the segment bisector.



Find the coordinates of the midpoint of a segment with the given endpoints.

3.  $A(-7, 2)$   
 $B(3, 0)$

4.  $G(3.2, 7.8)$   
 $H(-2, 5)$

5.  $K(-3.5, 2.7)$   
 $L(7.3, -6.1)$

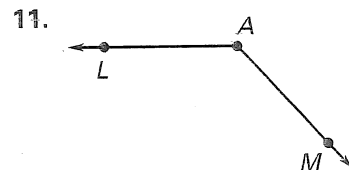
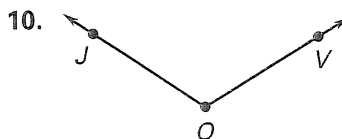
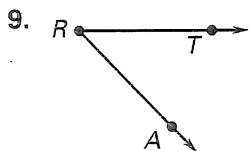
Find the coordinates of the other endpoint of the segment with the given endpoint and midpoint  $M$ .

6.  $T(4, 1)$   
 $M(3, 0)$

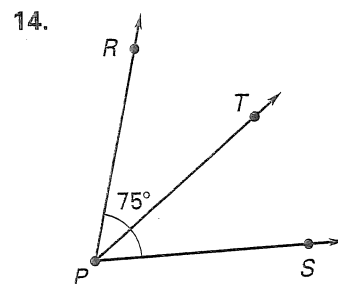
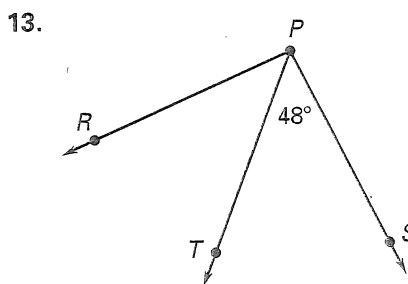
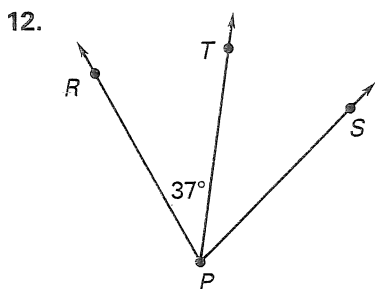
7.  $A(-4.4, 3)$   
 $M(-1.6, -1)$

8.  $P(7.8, 3.5)$   
 $M(2, -1.2)$

Use a protractor to measure and redraw the angle on a piece of paper. Then use construction tools to find the angle bisector.



$\overrightarrow{PT}$  is the angle bisector of  $\angle RPS$ . Find the two angle measures not given in the diagram.



$\overrightarrow{BT}$  bisects  $\angle ABC$ . Find the value of  $x$ .

