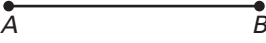



Practice C

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.

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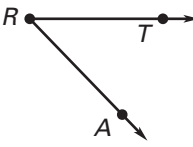
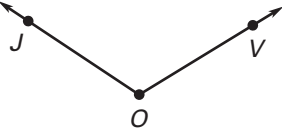
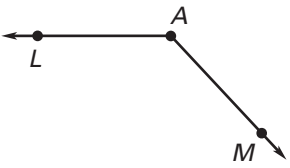
Find the coordinates of the midpoint of a segment with the given endpoints.

- $A(-7, 2)$
 $B(3, 0)$
- $G(3.2, 7.8)$
 $H(-2, 5)$
- $K(-3.5, 2.7)$
 $L(7.3, -6.1)$

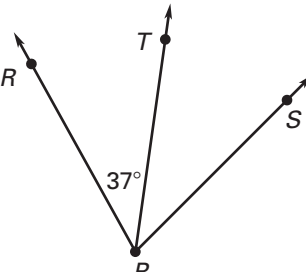
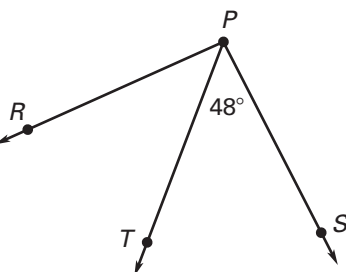
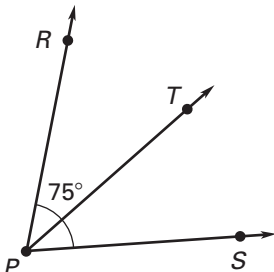
Find the coordinates of the other endpoint of the segment with the given endpoint and midpoint M .

- $T(4, 1)$
 $M(3, 0)$
- $A(-4.4, 3)$
 $M(-1.6, -1)$
- $P(7.8, 3.5)$
 $M(2, -1.2)$

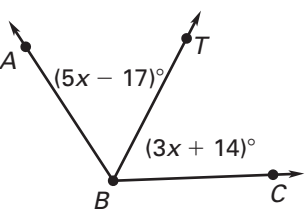
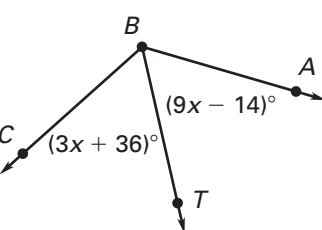
Use a protractor to measure and redraw the angle on a piece of paper. Then use construction tools to find the angle bisector.

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

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

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