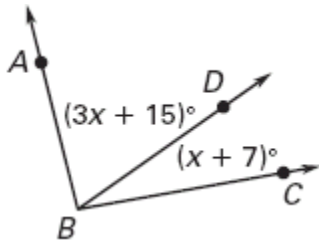


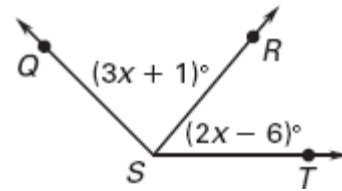
Section 1.4 Practice Problems

Use the given information to find the indicated angle measure.

1. Given $m\angle ABC = 94^\circ$, find $m\angle CBD$

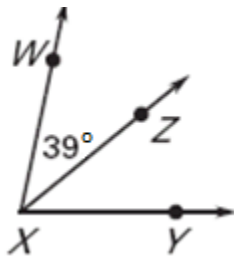


2. Given $m\angle QST = 135^\circ$, find $m\angle QSR$.

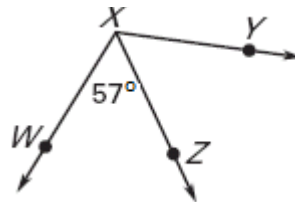


Given that \overrightarrow{XZ} bisects $\angle WXY$, find the two angle measures not given in the diagram.

3.

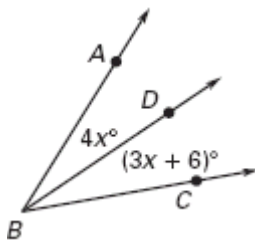


4.

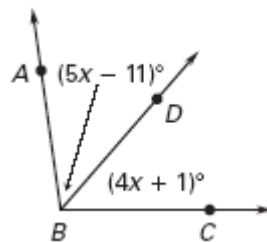


In the diagram, \overrightarrow{BD} bisects $\angle ABC$. Find $m\angle ABC$.

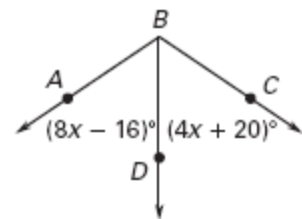
5.



6.

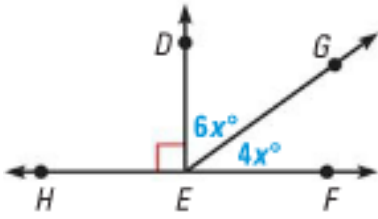


7.

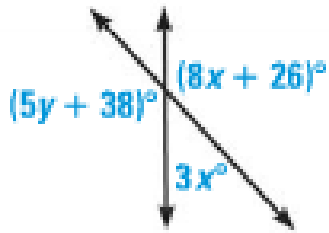


Section 1.5 Practice Problems

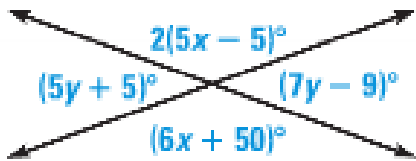
8. Find $m\angle DEG$ and $m\angle GEF$.



9. Find the values of x and y .



10. Find the measure of each angle in the diagram.



ANSWERS:

- 1) 25° 2) 85° 3) $39^\circ, 78^\circ$ 4) $57^\circ, 114^\circ$ 5) 48° 6) 98°
 7) 112° 8) $54^\circ, 36^\circ$ 9) $x = 14, y = 20$ 10) $x = 15, y = 7$, angles: $140^\circ, 40^\circ, 140^\circ, 140^\circ$