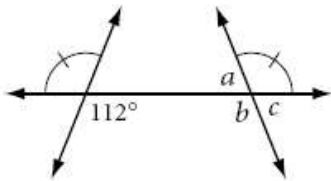


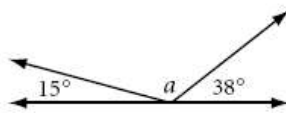
Find the measure of all the missing angles.

1.



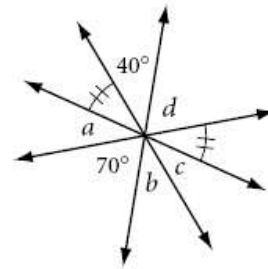
a = _____
 b = _____
 c = _____

2.



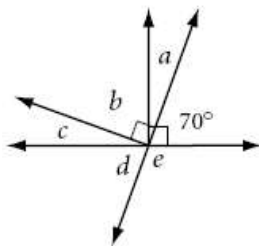
a = _____

3.



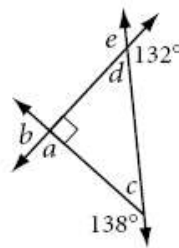
a = _____
 b = _____
 c = _____
 d = _____

4.



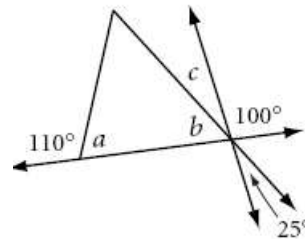
a = _____
 b = _____
 c = _____
 d = _____
 e = _____

5.



a = _____
 b = _____
 c = _____
 d = _____
 e = _____

6.



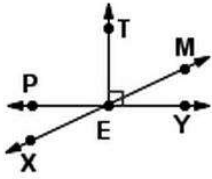
a = _____
 b = _____
 c = _____

Fill in each blank with a true statement.

7. If angles A and B are supplement, and angle B has a measurement of 22° , then angle A has a measurement of _____.
8. If $\angle P$ is a right angle and $\angle P$ and $\angle Q$ are supplementary, then $m\angle Q$ is _____.
9. If $\angle S$ and $\angle T$ are complementary and $\angle T$ and $\angle U$ are supplementary, then $\angle U$ is a(n) _____ angle.
10. If an angle is obtuse, then its supplement must be an _____ angle.

Find the missing angle measure using any method.

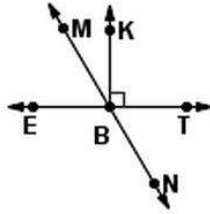
17.



$$m\angle XEY = \underline{\hspace{2cm}}$$

$$m\angle MEY = 25^\circ$$

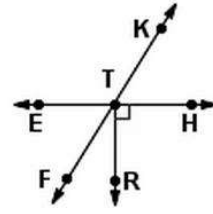
18.



$$m\angle NBT = \underline{\hspace{2cm}}$$

$$m\angle MBE = 60^\circ$$

19.



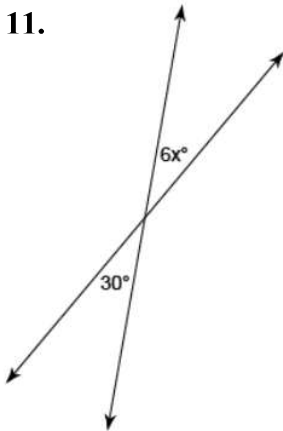
$$m\angle FTR = \underline{\hspace{2cm}}$$

$$m\angle FTE = 58^\circ$$

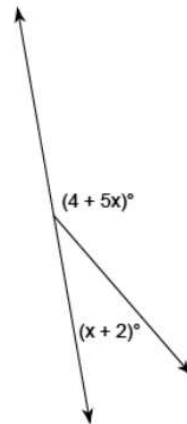
Challenges:

Write and solve an equation to find the missing angle measures.

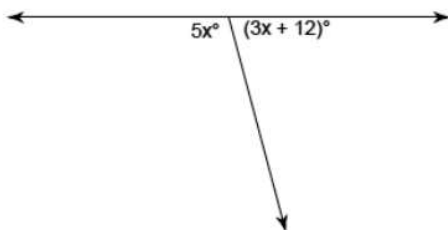
11.



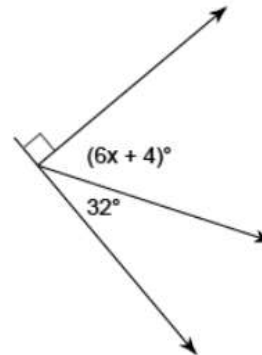
12.



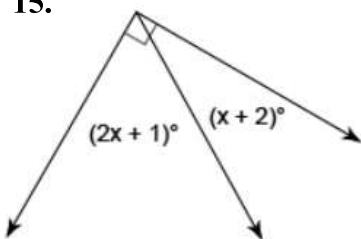
13.



14.



15.



16.

