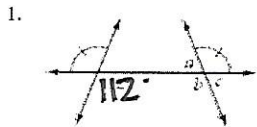
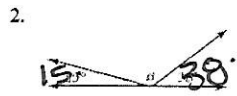


Name: _____ Period: _____

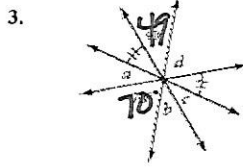
Find the measure of all the missing angles.



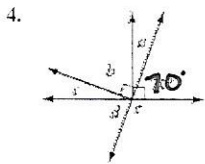
a = _____
b = _____
c = _____



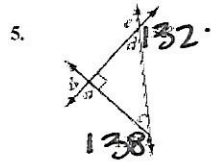
a = _____



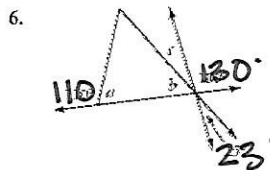
a = _____
b = _____
c = _____
d = _____



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



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



a = _____
b = _____
c = _____

Fill in each blank with a true statement.

7. If $\angle A \cong \angle B$ and the supplement of $\angle B$ has measure 22° , then $m\angle A =$ _____.

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.