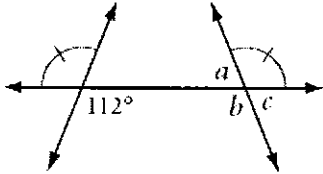


Finding Missing Angles Worksheet

Name _____

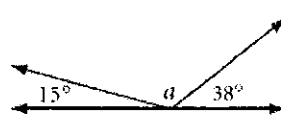
For the following problems find the measure of all the missing angles

1.



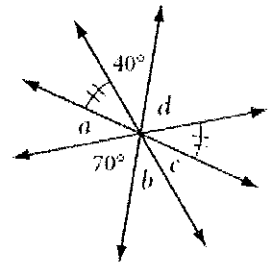
a = _____
b = _____
c = _____

2.



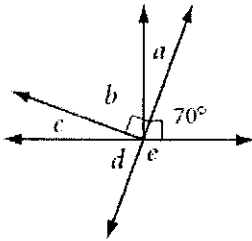
a = _____

3.



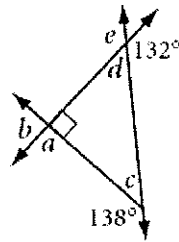
a = _____
b = _____
c = _____
d = _____

4.



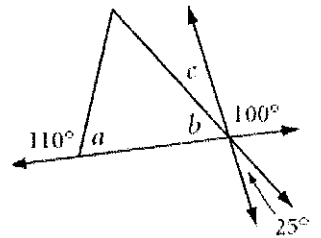
a = _____
b = _____
c = _____
d = _____
e = _____

5.



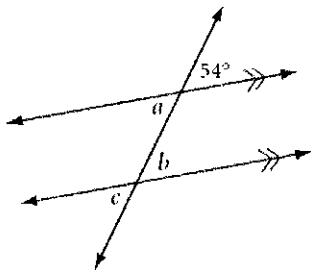
a = _____
b = _____
c = _____
d = _____
e = _____

6.



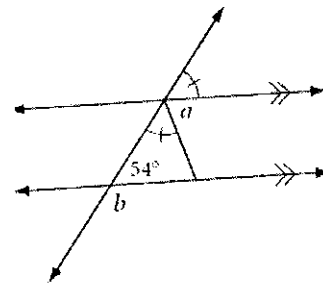
a = _____
b = _____
c = _____

7.



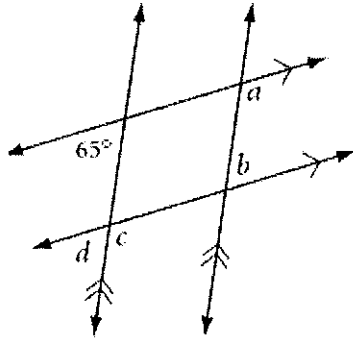
a = _____
b = _____
c = _____

8.



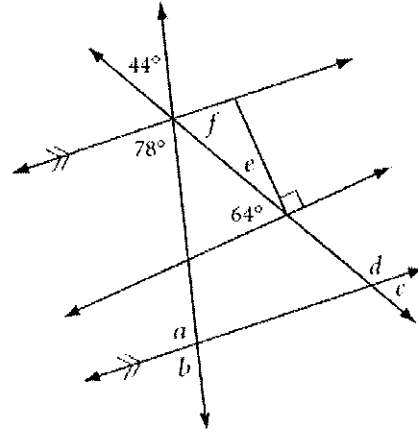
a = _____
b = _____

9.



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

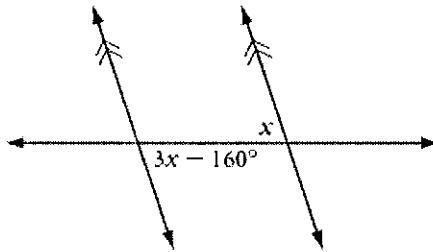
10.



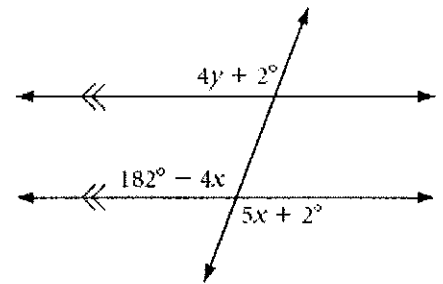
a = _____
 b = _____
 c = _____
 d = _____
 e = _____
 f = _____

Find the measures of x and y in each problem. Make sure to show your work.

11.



12.



Fill in each blank with a true statement.

13. If $\angle A \cong \angle B$ and the supplement of $\angle B$ has measure 22° , then $m\angle A =$ _____.
14. If $\angle P$ is a right angle and $\angle P$ and $\angle Q$ form a linear pair, then $m\angle Q$ is _____.
15. If $\angle S$ and $\angle T$ are complementary and $\angle T$ and $\angle U$ are supplementary, then $\angle U$ is a(n) _____ angle.
16. If one angle of a linear pair is obtuse, then the other is _____.