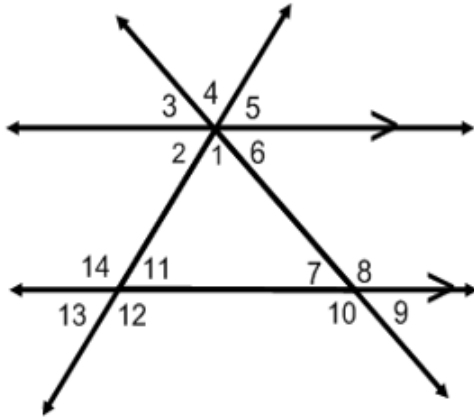


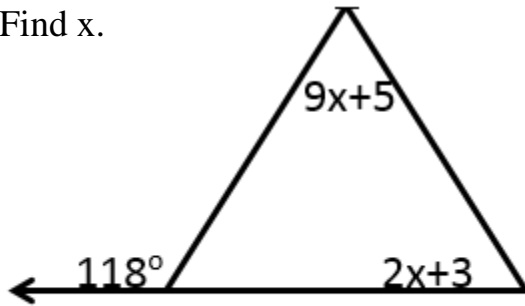
UNIT 2 REVIEW #1

1. Find each of the missing angles given that

$m\angle 5 = 34^\circ$ and $m\angle 8 = 109^\circ$

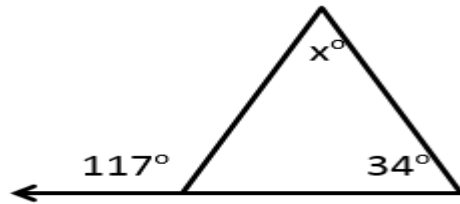


2. Find x.



$x = \underline{\hspace{2cm}}$

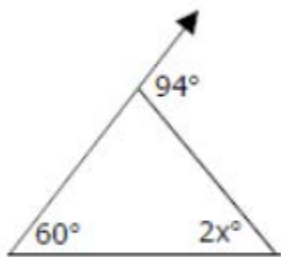
3. Find x.



$x = \underline{\hspace{2cm}}$

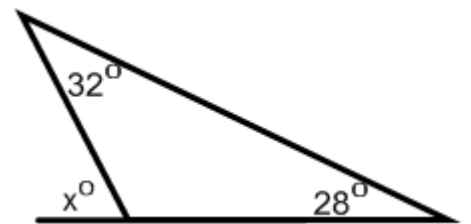
4. Find x.

$x = \underline{\hspace{2cm}}$

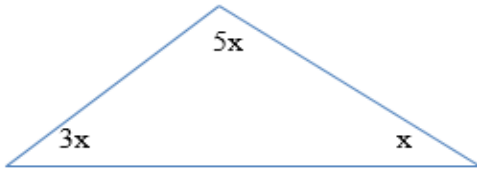


5. Find x.

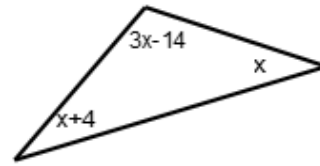
$x = \underline{\hspace{2cm}}$



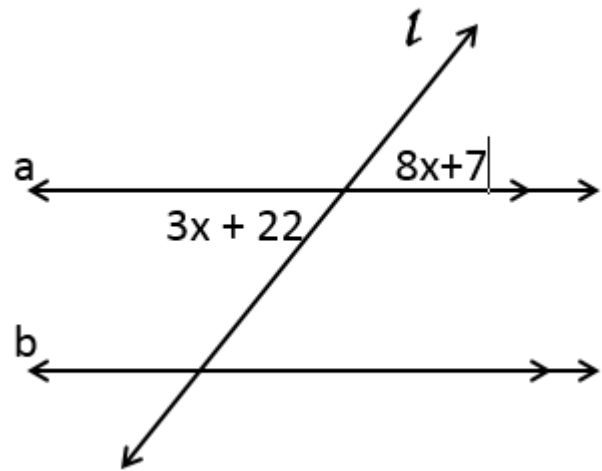
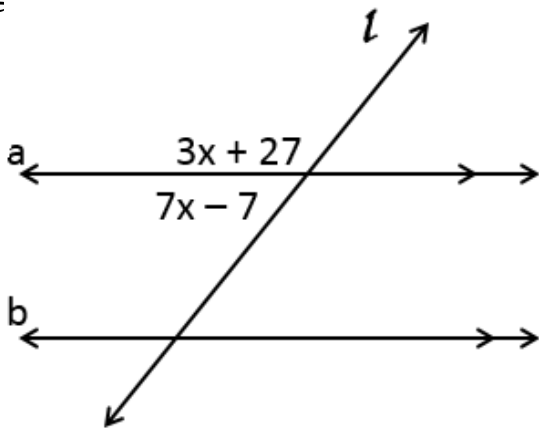
8. Find the value of x and the measure of each angle.



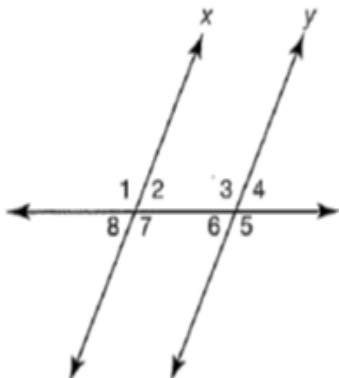
9. Find the value of x . Find the degree measure of the angles.



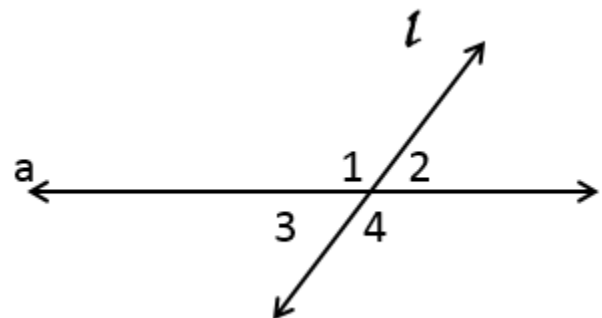
10. Solve for x and find missing angle measures. 11. Solve for x and find the missing angle'



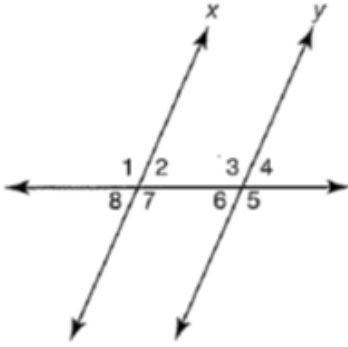
12. In the following diagram $x \parallel y$ is cut by a transversal. If $m\angle 1$ is 102° , find the measure of each of the other angles.



13. If $m\angle 4 = 122^\circ$, find the measure of angle 2.



15.



$\angle 2$ and \angle _____ are alternate interior angles.

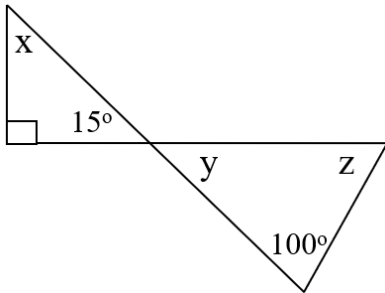
$\angle 8$ and \angle _____ are corresponding angles.

$\angle 5$ and \angle _____ are alternate exterior angles.

$\angle 6$ and \angle _____ are vertical angles.

$\angle 2$ and $\angle 7$ are _____ angles.

16. Use the diagram below to find the measures of x , y , and z .

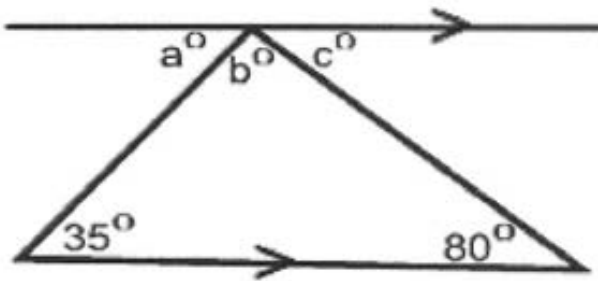


$x =$ _____

$y =$ _____

$z =$ _____

17. Find the value of each missing angle.

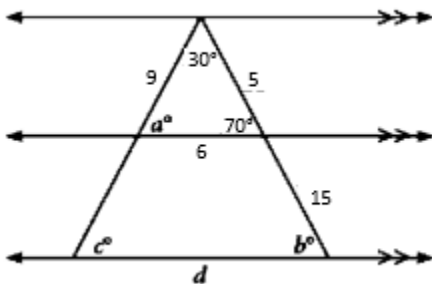


$a =$ _____

$b =$ _____

$c =$ _____

18. Use the figure provided to find each of the missing sides and angles measures.



$a =$ _____

$b =$ _____

$c =$ _____

$d =$ _____