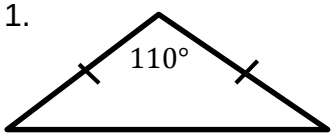
NAME_____**DATE**_____**PER.**_____

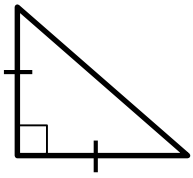
5.1 – Classifying Triangles

Classify each triangle by angles and by sides.

1. 

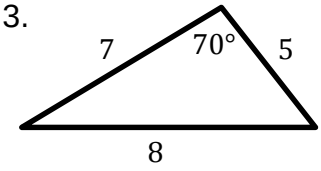
A:_____

S:_____

2. 

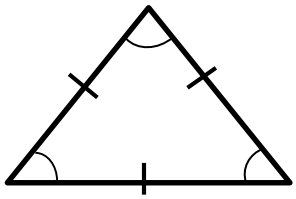
A:_____

S:_____

3. 

A:_____

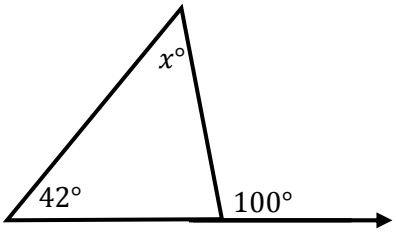
S:_____

4. 

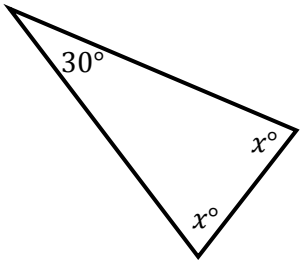
A:_____

S:_____

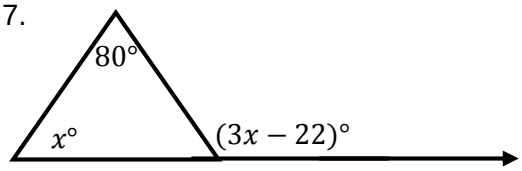
Find the values of the variables.

5. 

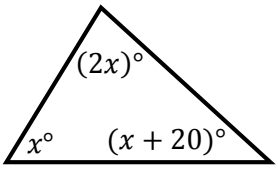
$x =$_____

6. 

$x =$_____

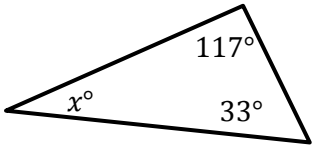
7. 

$x =$_____

8. 

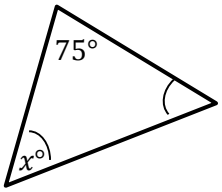
$x =$_____

9.



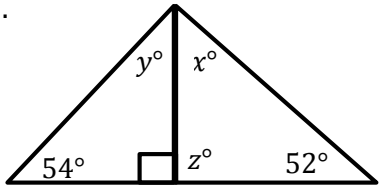
$x =$_____

10.



$x =$_____

11.

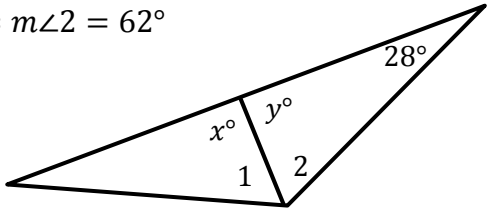


$x =$_____

$y =$_____

$z =$_____

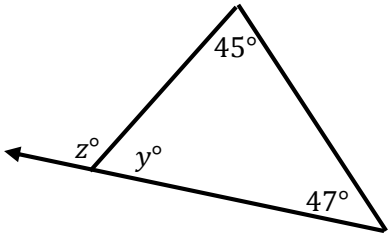
12. $m\angle 1 = m\angle 2 = 62°$



$x =$_____

$y =$_____

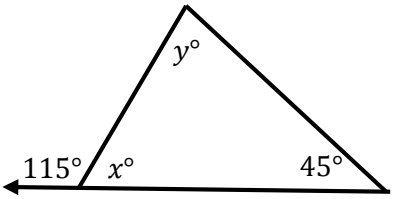
13.



$y =$_____

$z =$_____

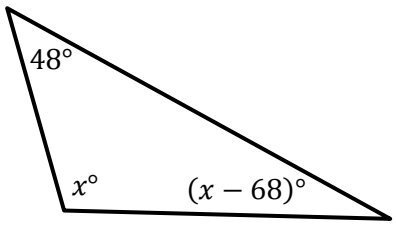
14.



$x =$_____

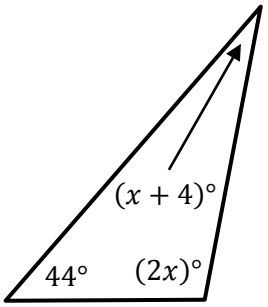
$y =$_____

15.



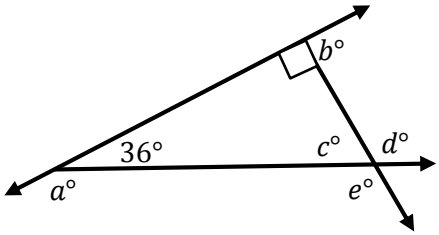
$x =$_____

16.



$x =$_____

17.



$a =$_____

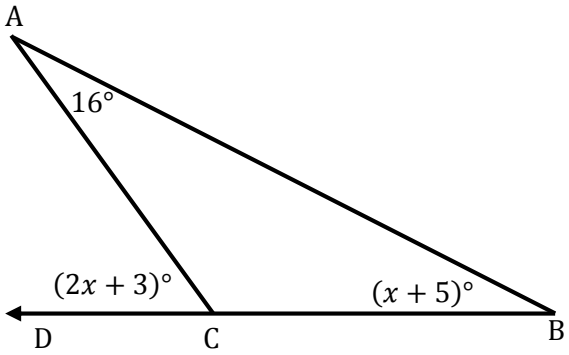
$b =$_____

$c =$_____

$d =$_____

$e =$_____

18.



$x =$_____

$m\angle A =$_____

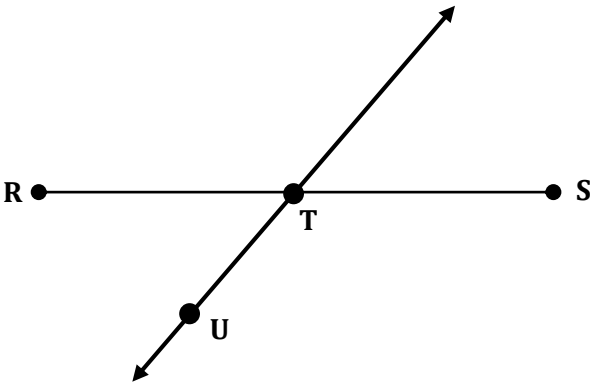
$m\angle B =$_____

$m\angle ACB =$_____

$m\angle DCA =$_____

REVIEW PROBLEMS

Solve each of the following.

19. $x =$ _____	$\overleftrightarrow{TU}$ bisects $\overline{RS}$. If $RS = 7x - 12$ and $RT = 2x + 9$, find the value of 'x'. 
20. $x =$ _____	Find the value of 'x'.