

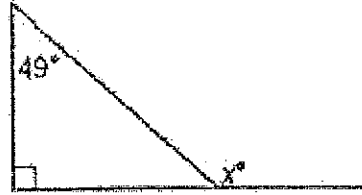
## Extra Practice – Triangle Sum Theorem

Find the value of  $x$ .

1.



2.

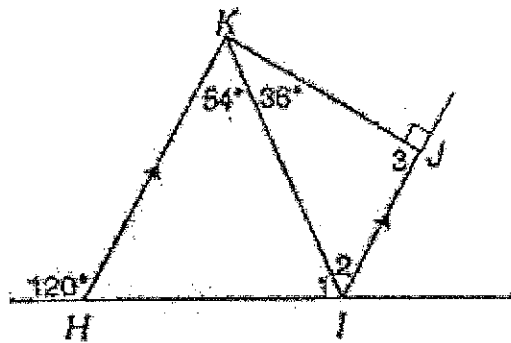


If  $KH$  is parallel to  $JI$ , find the measure of each angle in the figure at the right.

3.  $m\angle 1 =$

4.  $m\angle 2 =$

5.  $m\angle 3 =$

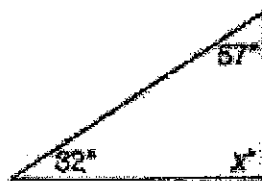


Find the value of  $x$ .

6.



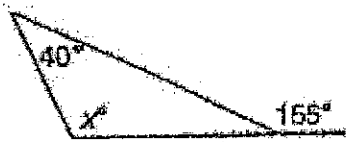
7.



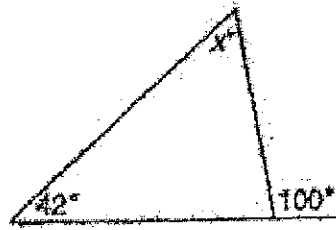
8.



9.



10.



11.



If AB is perpendicular to BC, find the measure of each angle in the figure below...

12.  $m\angle 1 =$

13.  $m\angle 2 =$

14.  $m\angle 3 =$

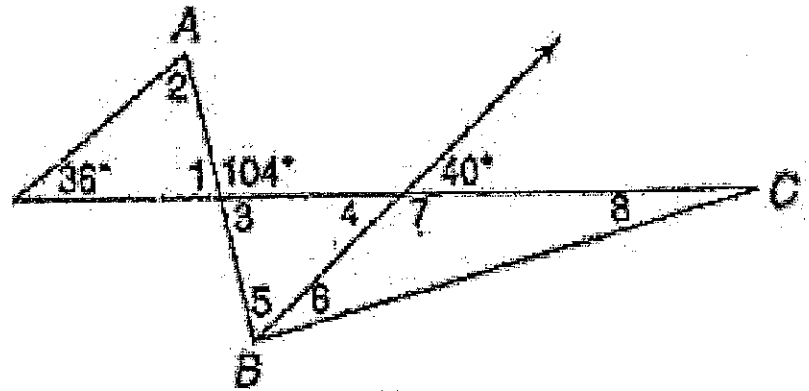
15.  $m\angle 4 =$

16.  $m\angle 5 =$

17.  $m\angle 6 =$

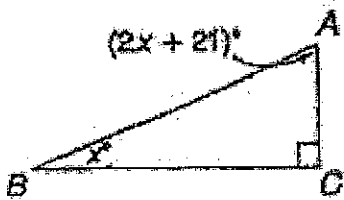
18.  $m\angle 7 =$

19.  $m\angle 8 =$



For each triangle, find x. Show your work!

20.



21.

