

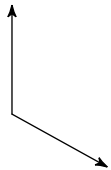
# Assignment 5.1

Name \_\_\_\_\_

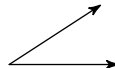
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**Classify each angle as acute, obtuse, right, or straight.**

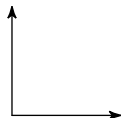
1)



2)



3)

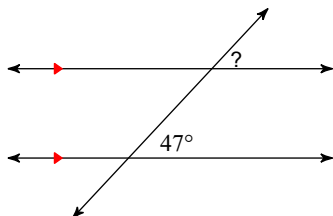


4)

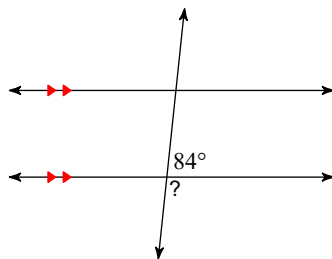


**Find the measure of each angle indicated.**

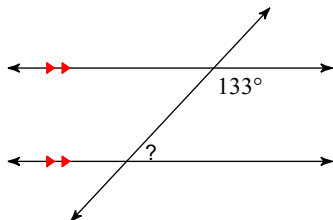
5)



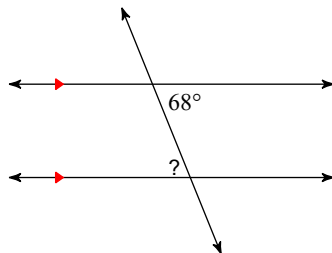
6)



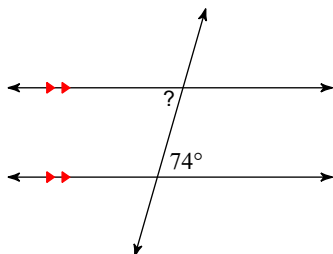
7)



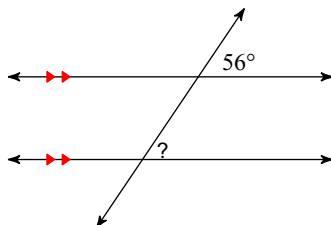
8)



9)

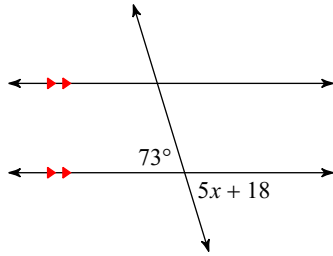


10)

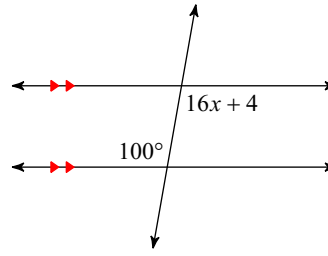


Solve for  $x$ .

11)

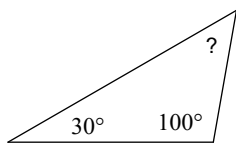


12)

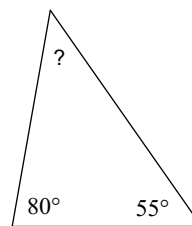


Find the measure of each angle indicated.

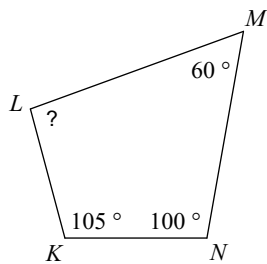
13)



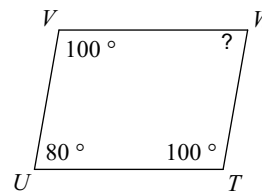
14)



15)

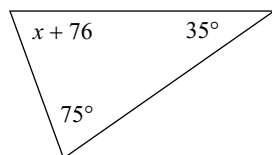


16)

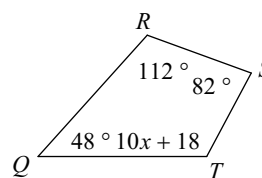


Solve for  $x$ .

17)

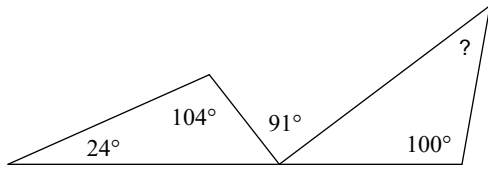


18)

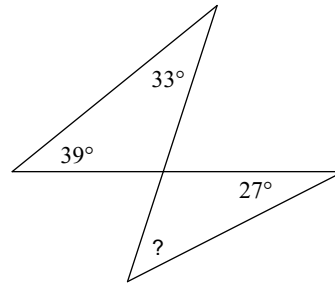


Find the measure of each angle indicated.

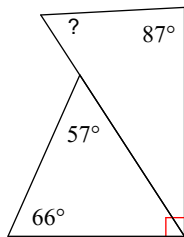
19)



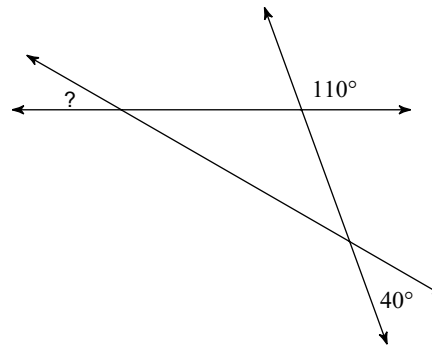
20)



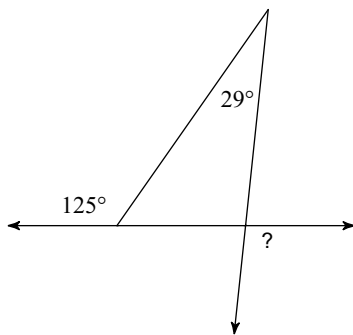
21)



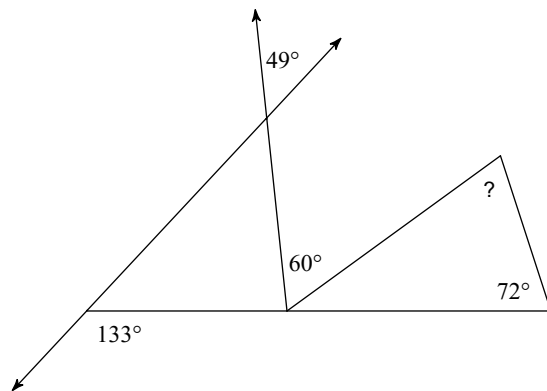
22)



23)



24)



## Answers to Assignment 5.1

1) obtuse  
5)  $47^\circ$   
9)  $74^\circ$   
13)  $50^\circ$   
17)  $-6$   
21)  $60^\circ$

2) acute  
6)  $96^\circ$   
10)  $56^\circ$   
14)  $45^\circ$   
18) 10  
22)  $30^\circ$

3) right  
7)  $47^\circ$   
11) 11  
15)  $95^\circ$   
19)  $43^\circ$   
23)  $96^\circ$

4) straight  
8)  $68^\circ$   
12) 6  
16)  $80^\circ$   
20)  $45^\circ$   
24)  $72^\circ$