

Determine whether it is possible to draw a triangle with sides having the given measure. If possible, write yes. If not possible, write no and make a sketch or explain why it is not possible.

1) 3 cm, 4 cm, 5 cm

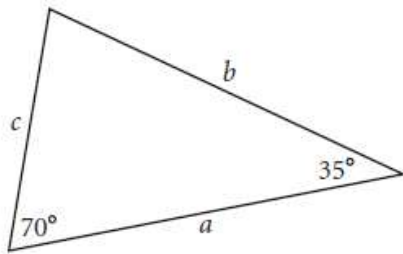
3) 5 ft, 6 ft, 12 ft

2) 4 m, 5 m, 9 m

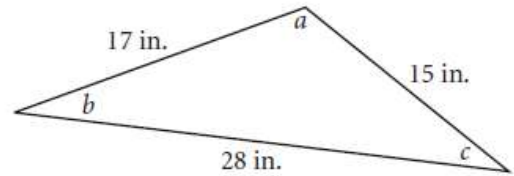
4) 3.5 cm, 4.5 cm, 7 cm

Arrange the unknown measure in order from greatest to least.

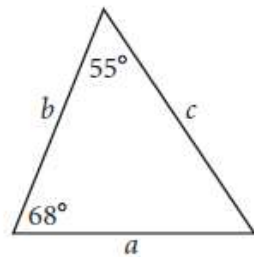
5)



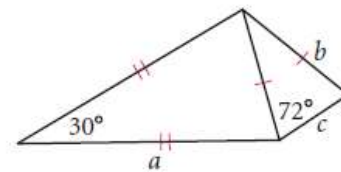
8)



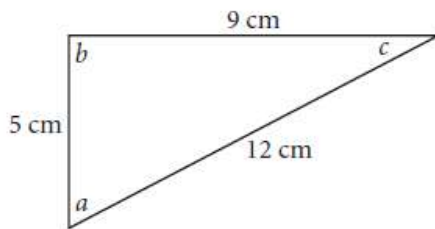
6)



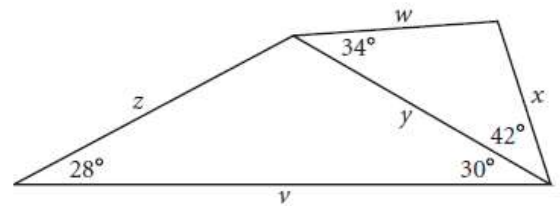
9)



7)



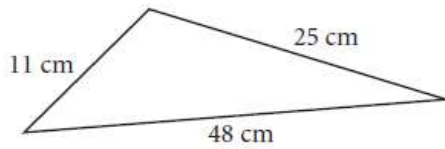
10)



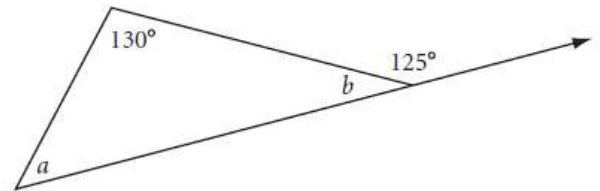
Complete.

11) If 54 and 48 are the lengths of two sides of a triangle, what is the range of possible values for the length of the third side?

12) What's wrong with this picture?
Explain.

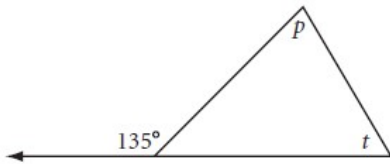


13) What's wrong with this picture?
Explain.

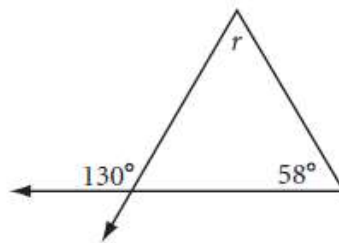


Find the missing measures.

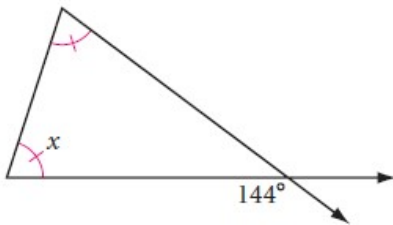
14) $t + p =$ _____



15) $r =$ _____

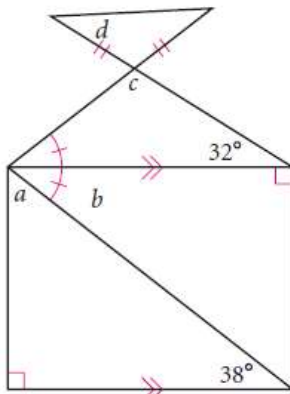


16) $x =$ _____



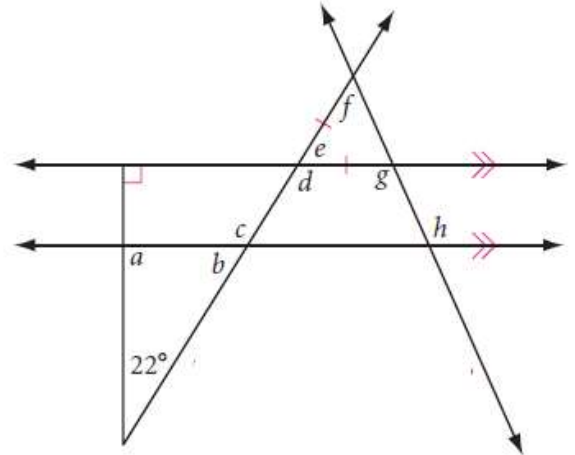
Calculate each lettered angle measure.

17)



Complete.

18)



19) What's wrong with this picture of ΔTRG ? Explain.

