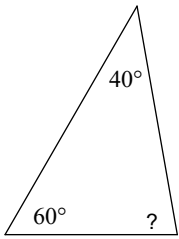


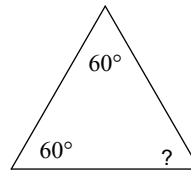
Triangle Constructions Homework

Find the measure of each angle indicated.

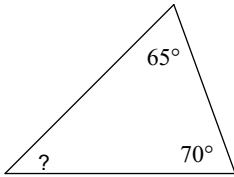
1)



2)



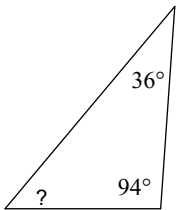
3)



4)

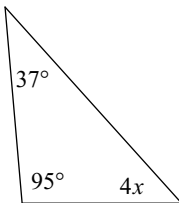


5)

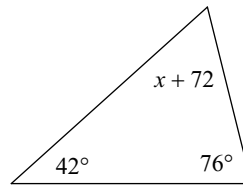


Solve for x .

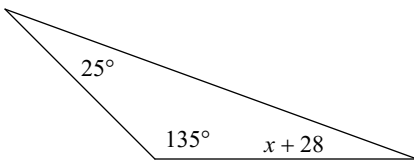
6)



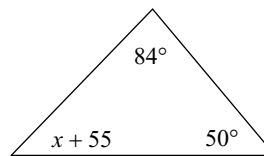
7)



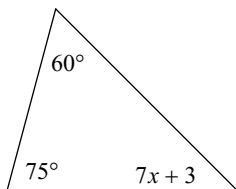
8)



9)



10)



State if the three numbers can be the measures of the sides of a triangle.

11) 7, 16, 8

12) 10, 10, 2

13) 9, 1, 8

14) 10, 7, 2

15) 7, 7, 1

16) 10, 12, 10

17) 6, 5, 9

18) 10, 5, 7

19) 6, 3, 8

20) 7, 5, 9

Two sides of a triangle have the following measures. Find the range of possible measures for the third side.

21) 9, 8

22) 8, 13

23) 13, 9

24) 8, 16

25) 14, 16