

Triangles 4

Date _____ Period _____

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

1) 12, 19, 10

2) 18, 9, 7

3) 13, 7, 7

4) 11, 12, 19

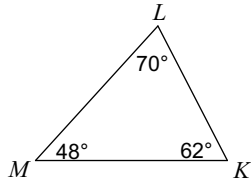
Two sides of a triangle have the following measures. Find the range of possible measures for the third side.

5) 8, 12

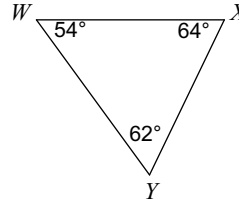
6) 12, 9

Order the sides of each triangle from shortest to longest.

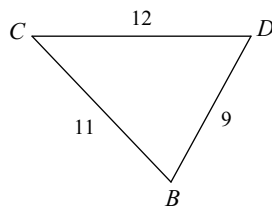
7)



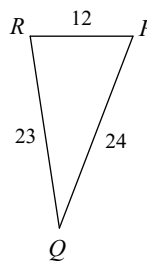
8)

**Order the angles in each triangle from smallest to largest.**

9)



10)

**Order the sides of each triangle from shortest to longest.**

11) In $\triangle EFG$
 $m\angle E = 58^\circ$
 $m\angle F = 64^\circ$

12) In $\triangle STU$
 $m\angle S = 70^\circ$
 $m\angle U = 80^\circ$

Order the angles in each triangle from smallest to largest.

13) In $\triangle LMN$
 $MN = 15$
 $LN = 12$
 $LM = 7$

14) In $\triangle UVW$
 $VW = 7$
 $UW = 17$
 $UV = 17$