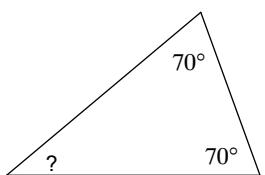


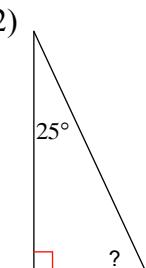
10.1: Basic Triangle Properties

Find the measure of each angle indicated.

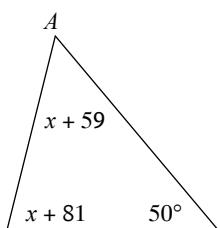
1)



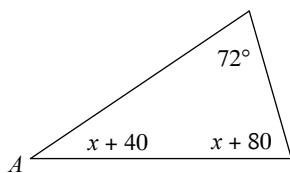
2)

**Find the measure of angle A.**

3)



4)

**State if the three numbers can be the measures of the sides of a triangle. Show how you know.**

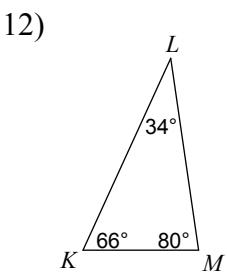
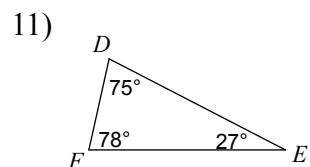
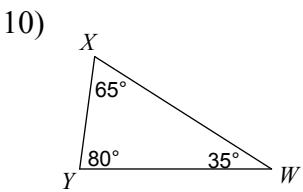
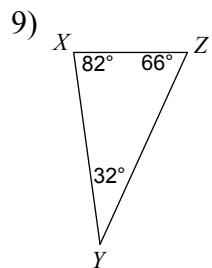
5) 7, 11, 12

6) 8, 9, 2

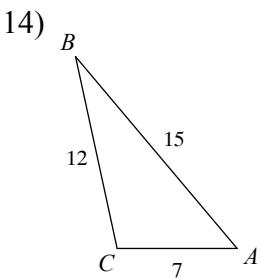
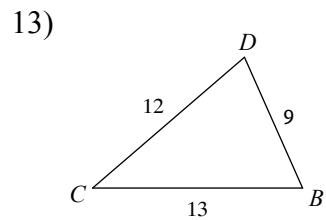
7) 9, 2, 7

8) 6, 2, 8

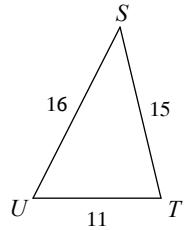
Order the sides of each triangle from shortest to longest.



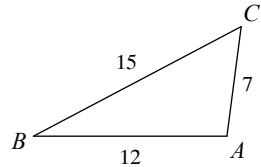
Order the angles in each triangle from smallest to largest.



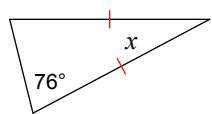
15)



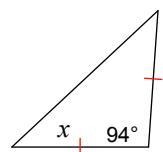
16)

**Find the value of x .**

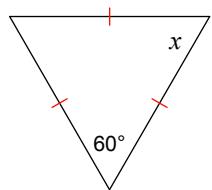
17)



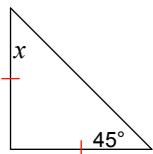
18)



19)



20)

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

21)

