NAME: _____ DATE: _____

ALL ABOUT TRIANGLES!

Salutations, LEADers! Please click on the video below and watch it:

https://www.youtube.com/watch?v=mLeNaZcy-hE&t=235s

Afterwards, try this worksheet!

Fill in the blanks with the correct words from the WORD BANK:

Triangles can be classified in _____ different ways .

Obtuse, acute, and right triangles are all classified by their _____ .

Triangles all have at least two _____ angles.

Equilateral, isosceles, and scalene triangles are all classified by their _____ .

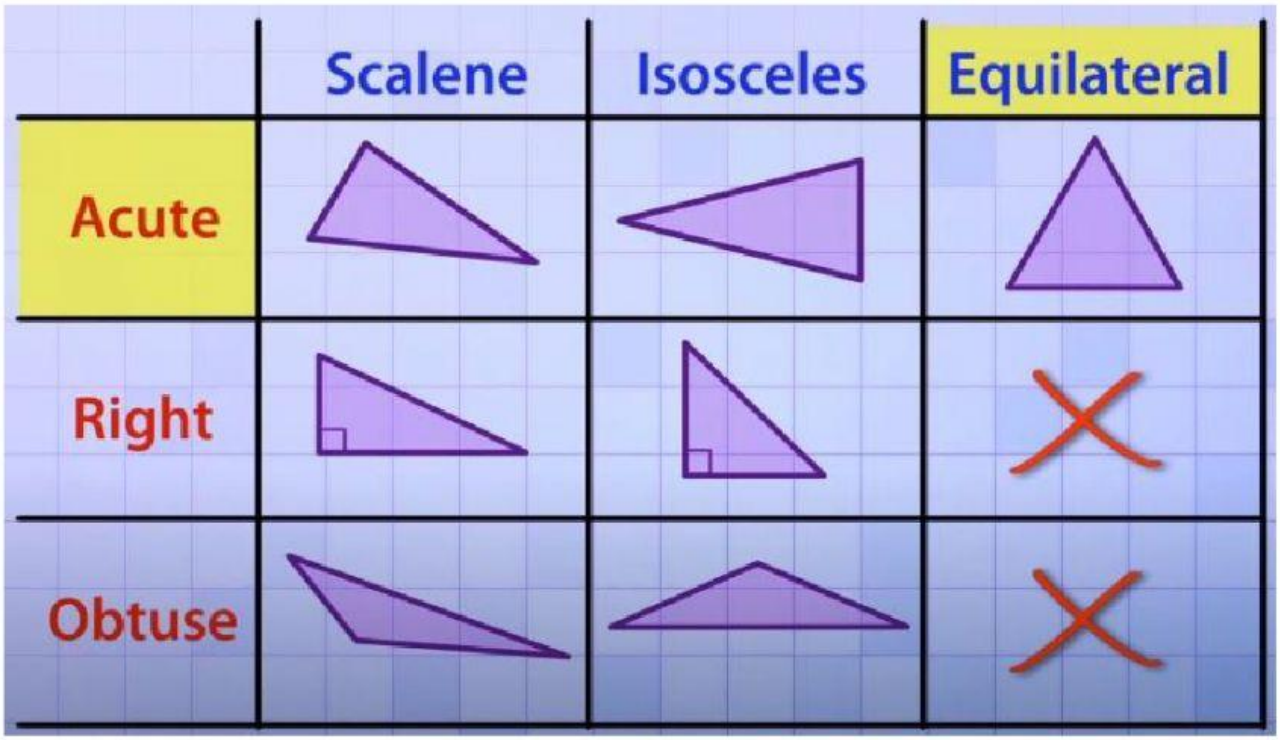
We can measure the angles in triangles in units called _____ .

If you add all the angles in a triangle, they always add up to _____ degrees.

If you add all the angles of a triangle together, you get a _____ angle!

Sides	Degrees	180	Straight	Angles	Acute	Two

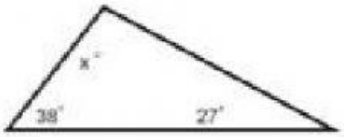
We can classify triangles using both the sides and their angles! Look at the Math Antics TABLE below. Use the information in the TABLE to answer the questions:



We can have a right scalene triangle.	There are acute isosceles triangles.	You can't make a right isosceles triangle.	We can draw an obtuse equilateral triangle.
There are no obtuse isosceles triangles.	Obtuse scalene triangles can be drawn.	Equilateral triangles must have three acute angles.	You cannot draw an acute scalene triangle.

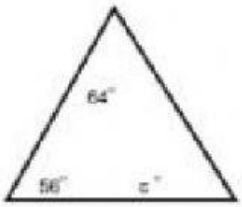
All the angles in a triangle add up to 180 °. Find the missing angle in each triangle!

1)



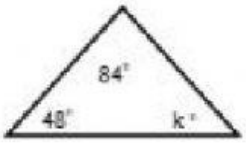
x = ____

5)



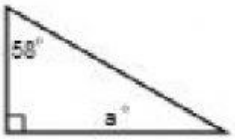
c = ____

2)



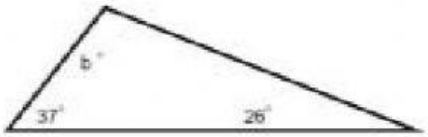
k = ____

6)



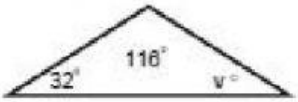
a = ____

3)



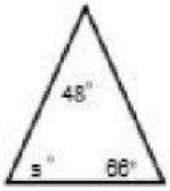
b = ____

7)



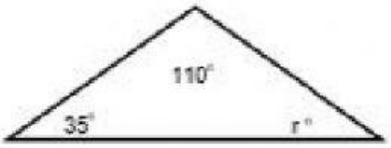
v = ____

4)



s = ____

8)



r = ____