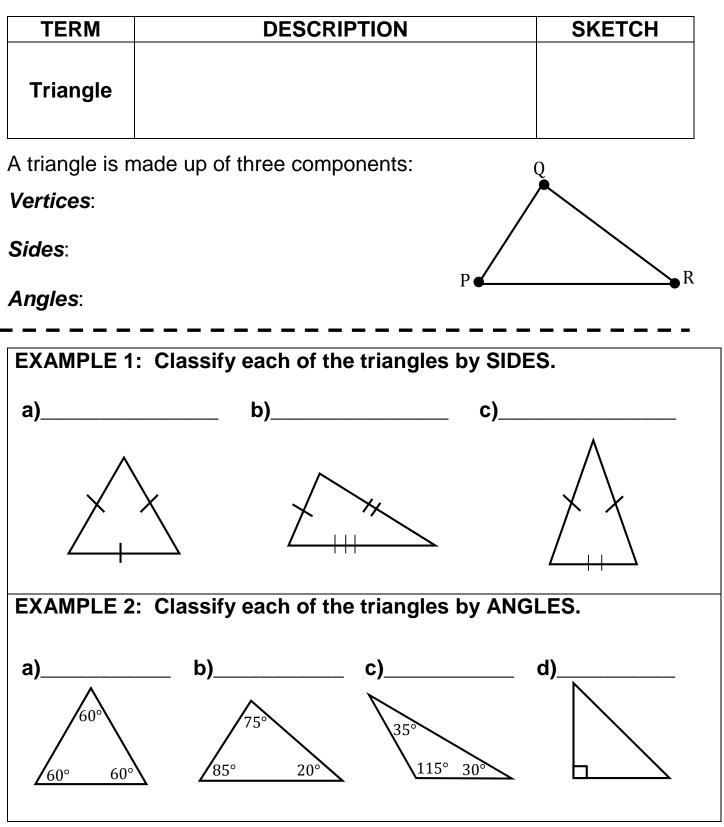
NOTES 5.1 – CLASSIFYING TRIANGLES

Objective:_____



Triangles can be classified by either angles or sides.

Acute	Triangle Sum Theorem
Obtuse	Isosceles
Right	Scaleme
Equiangular	Equilateral

Notes 5.1 (Continued)

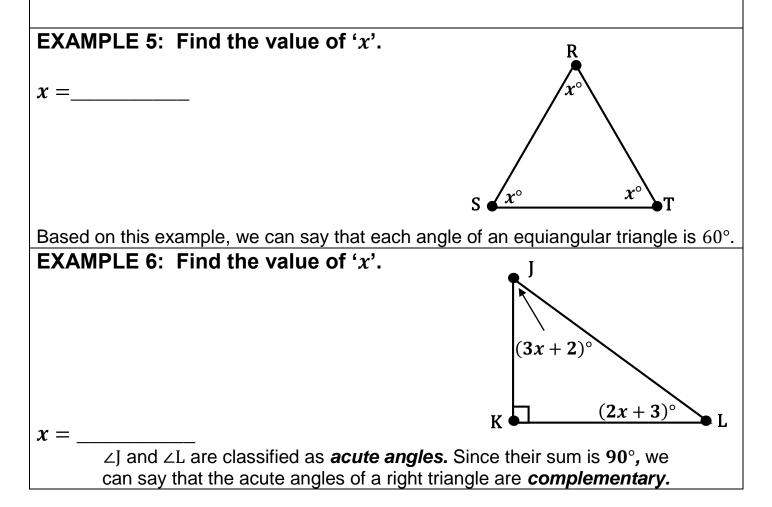
EXAMPLE 3: Find the measure of the third angle of a triangle, if the first angle has a measure of 66° and the second angle measures 37°.

EXAMPLE 4: Find the measure of each angle of $\triangle RST$.

(3x)

(x + 40)

- $m \angle \mathbf{R} =$ _____
- *m*∠S = _____
- *m*∠T = _____



An exterior angle of a triangle is formed by one side of the triangle and the extension of an adjacent side.

To find the measure of an exterior angle of a triangle, add the two remote interior angles.

