

## 4/2 Triangles

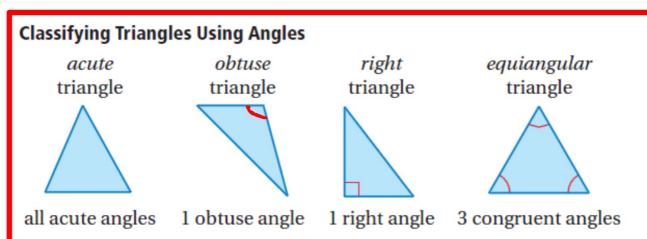
New vocabulary word: TRIANGLE

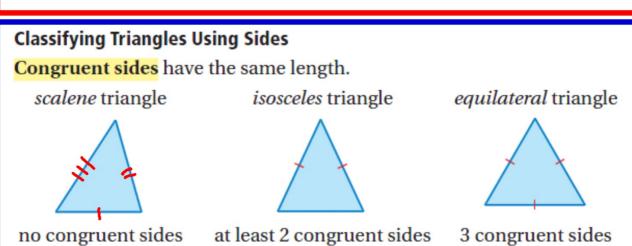
With your partner, name as many types of triangles as you can! Be prepared to describe them too.

Scalene Acute

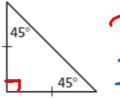
Obtuse

Equilateral Equilangular Isosceles Right





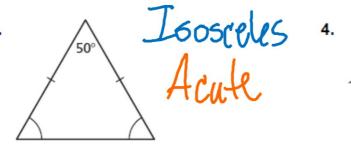
## Classify the triangle.

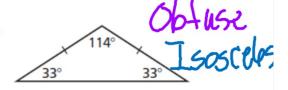


Right
Isosceles



3.



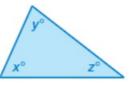




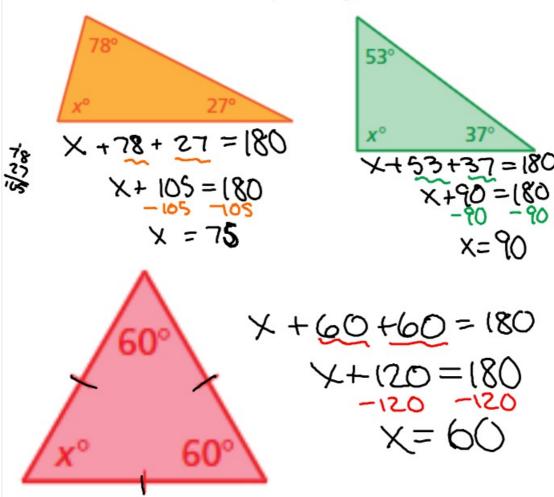
Sum of the Angle Measures of a Triangle

Words The sum of the angle measures of a triangle is 180°.

Algebra x + y + z = 180



Find the value of x. Then classify the triangle.



Can you create a triangle using the given combination of these colored segments? blue • 6 cm green 7 cm purple ( red green purple blue green red blue red purple blue purple green

Tell whether a triangle can have the given angle measures. If not, change the first angle measure so that the angle measures form a triangle.

