

Equilateral and Equiangular Triangles

Name _____

Date _____ Period _____

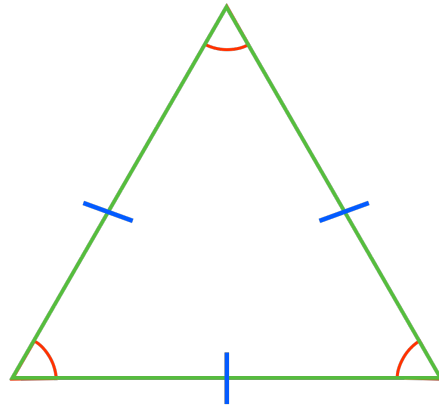
Equilateral Triangle

a triangle with three congruent sides

If a triangle is equilateral,
then it is equiangular

Equiangular Triangle

a triangle that has three congruent angles



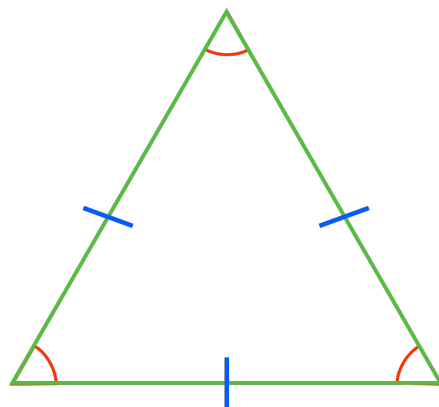
Equiangular Triangle

a triangle that has three congruent angles

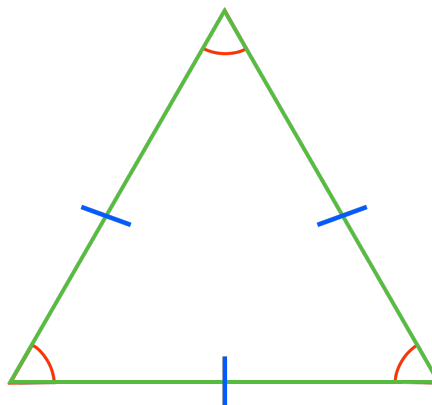
if a triangle is equiangular,
then it is equilateral

Equilateral Triangle

a triangle with three congruent sides



A triangle is equiangular
if and only if
it is equilateral



Equiangular / Equilateral Triangle

$$x^\circ + x^\circ + x^\circ = 180^\circ$$

$$3x^\circ = 180^\circ$$

$$x = 60$$

All angles are equal to 60°

