

Triangle classification

Classification based on angles

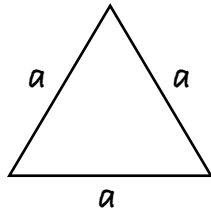
Classification based on sides

acute:
all angles are acute, i.e., less than 90 degrees

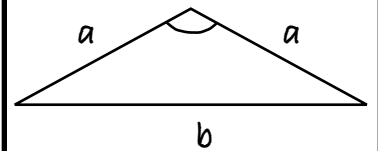
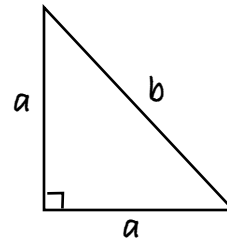
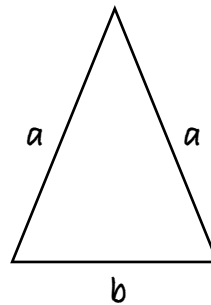
right:
has a right angle, i.e., 90 degrees

obtuse:
has an obtuse angle, i.e., more than 90 degrees

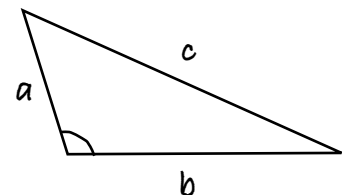
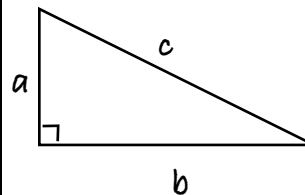
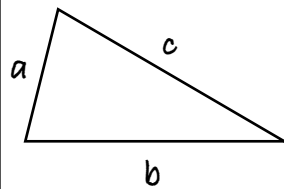
equilateral
3 sides of equal length



isosceles
2 or more sides of equal length



scalene
all sides of different lengths



Example: all equilateral triangles are also isosceles and acute