WHAT IS A TRIANGLE?
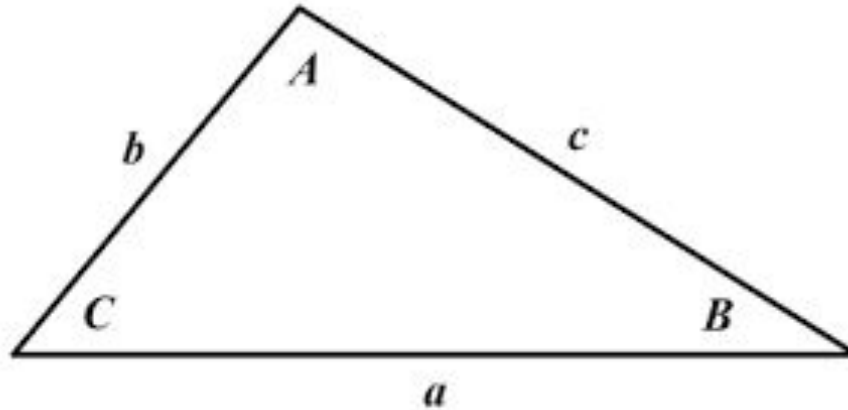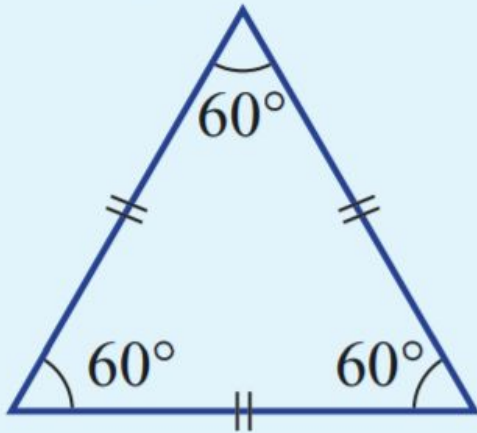

- 3 sides

- The sum of the three interior angles is 180°
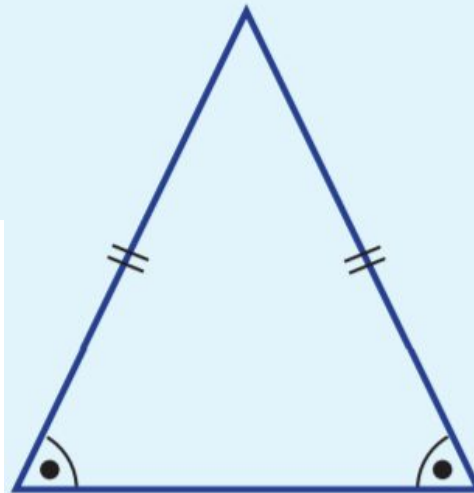
$$\angle A + \angle B + \angle C = 180°$$

TRIANGLES CLASSIFIED BY THEIR SIDE LENGTHS
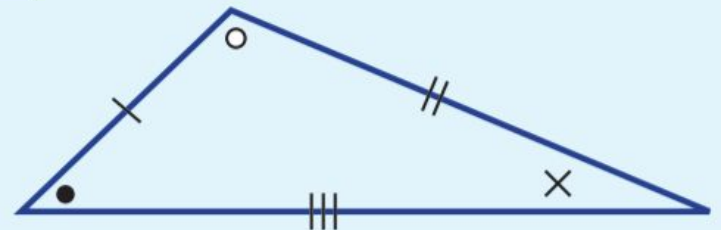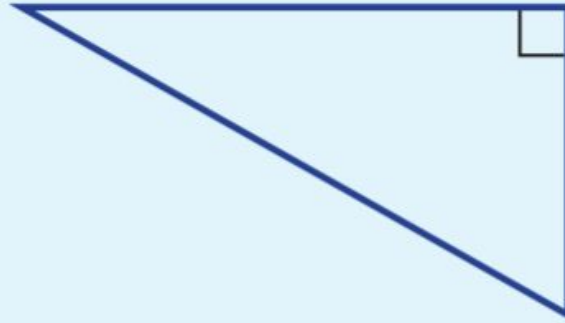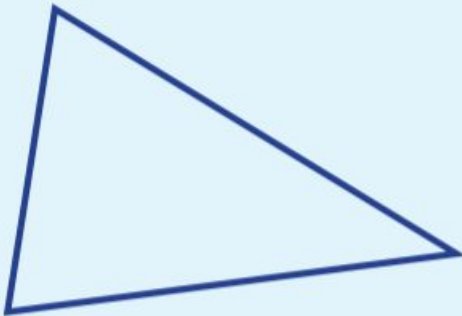
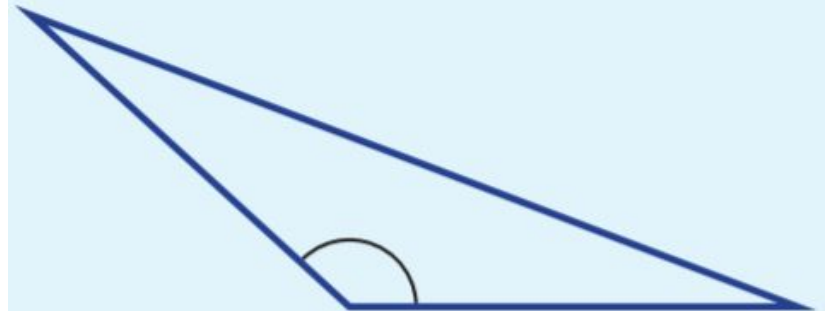# TRIANGLES CLASSIFIED BY THEIR INTERIOR ANGLES

Right-angled
(one right angle)

Acute-angled
(All angles acute)

Obtuse-angled
(one obtuse angle)

THE EXTERIOR ANGLE THEOREM

The exterior angle of a triangle is equal to the sum of the two opposite interior angles.