

TRIANGLES

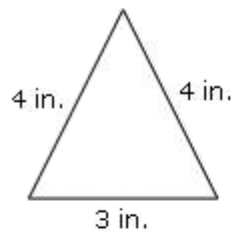
Definition:

A **triangle** is a three-sided polygon (a polygon with three sides).

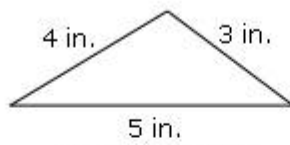
More about triangle:

- **Scalene triangle:** A triangle with no sides of the same length
- **Isosceles triangle:** A triangle with at least two sides of the same length
- **Equilateral triangle:** A triangle with all sides of the same length
- **Right-angled triangle:** A triangle with one right angle
- **Acute-angled triangle:** A triangle with all its angles less than 90°
- **Obtuse-angled triangle:** A triangle with one of its angles measuring more than 90°

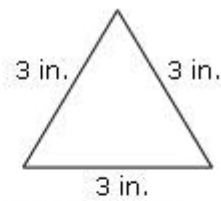
Examples of triangles:



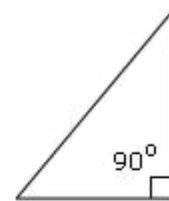
Isosceles Triangle



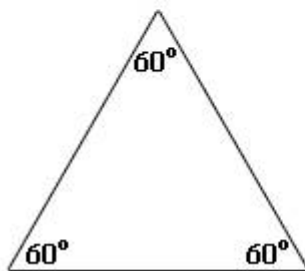
Scalene Triangle



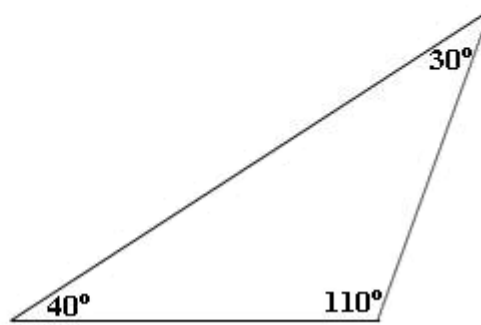
Equilateral Triangle



Right-angled triangle



Acute-angled triangle



Obtuse-angled triangle

Exercise:

A piece of land is in the shape of a triangle with the sides of length 5 m, 5 m, and 3 m.

What is this triangle called ?