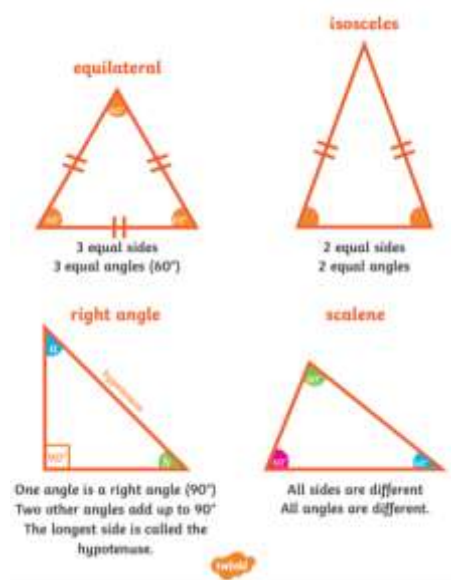




MATHS – TRIANGLE

The **triangle** is a 2D (flat) shape that has three straight sides and three vertices (corners). The three angles of a triangle always add up to 180 degrees.

FACTS



Triangles are named according to their sides or angles.

The following triangles are named according to their sides:

- Equilateral Triangle – All three sides are the same (equal) length.
- Isosceles Triangle – Has two or more sides that are of equal length (Therefore, an equilateral triangle can also be an isosceles triangle).
- Scalene Triangle – None of its sides are the same length.

The following triangles are named according to their angles:

- Right-angled Triangle – The largest of its three angles is a right angle (90 degrees).
- Acute-angled Triangle – The largest of its three angles is an acute angle (less than 90 degrees).
- Obtuse-angled Triangle – The largest of its three angles is an obtuse angle (more than 90 degrees).

GOOD TO KNOW!

Triangles are extremely useful. Measuring objects using triangles is called **trigonometry**. Modern computers usually use triangles to make complex graphic images or shapes.



FIND OUT MORE



EXAMPLE QUESTIONS

1. What is the name of a triangle whose sides are all of equal length?
 2. What makes a triangle a scalene triangle?
 3. Tell me about the angles in an acute-angled triangle.
 4. What is the process of measuring using triangles called?
 5. What does the largest angle measure in a right-angled triangle?
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