

PowerPoint presentation

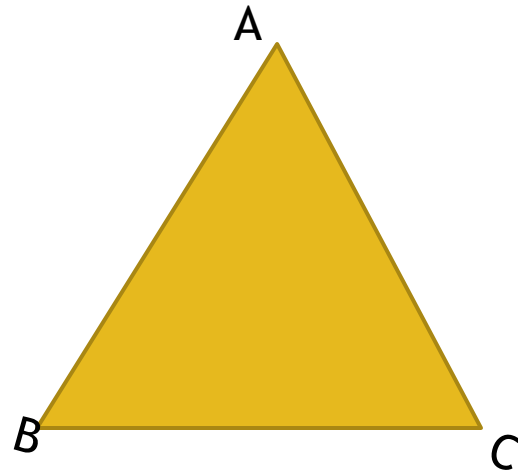
Types of triangles

what we observe in this picture?



Triangle

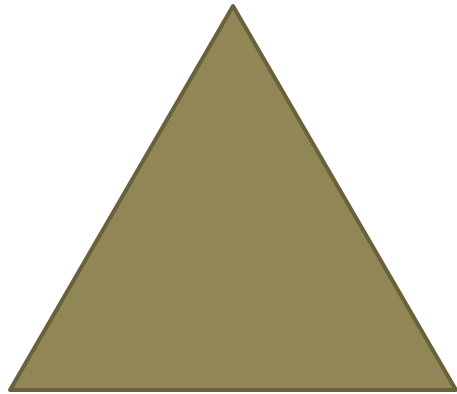
- ▶ A triangle is a simple closed plane figure formed by three line segments.



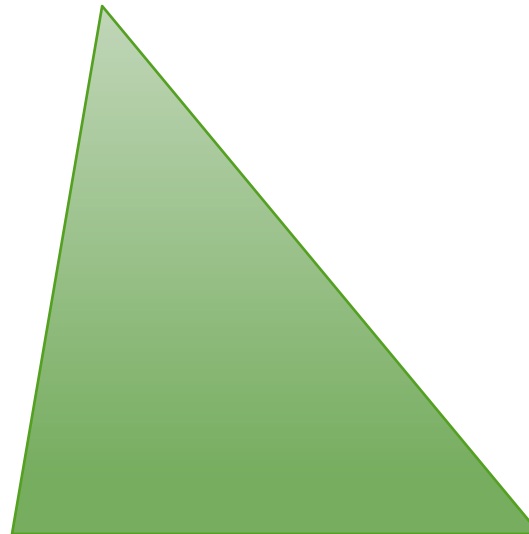
Classification of triangles

- ▶ Based on the length of the sides the triangles are classified into 3 types

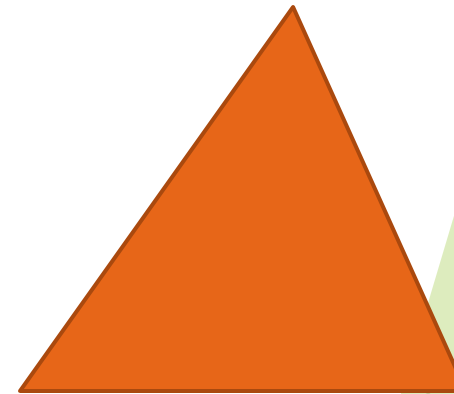
Based on length of triangle



Equilateral triangle



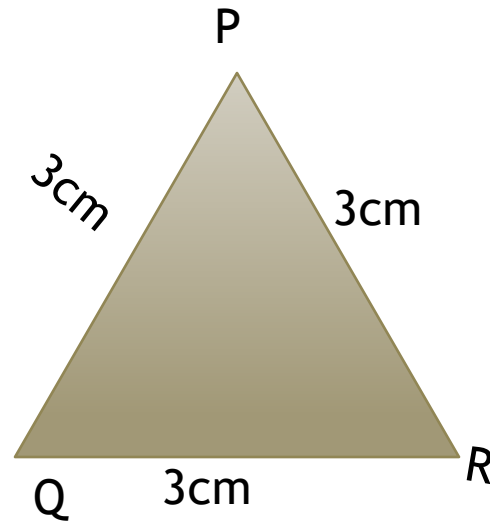
Isosceles triangle



Scalene triangle

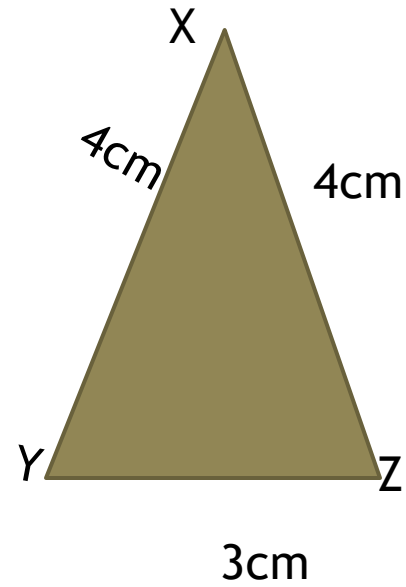
Equilateral Triangle

- ▶ A triangle with three equal sides is called equilateral triangle



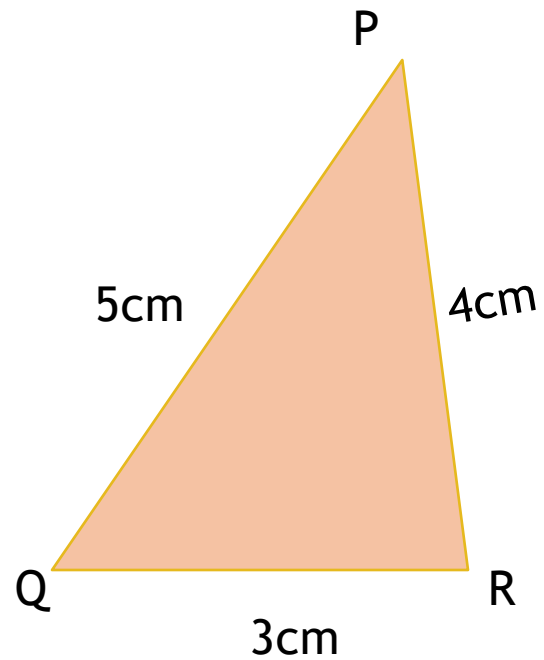
Isoseles Triangle

- ▶ A triangle with two equal sides is called an Isoseles triangle



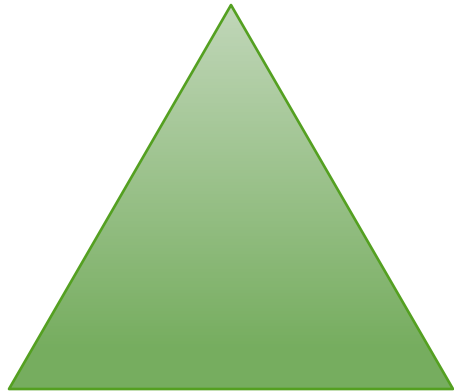
Scalen Triangle

- ▶ A triangle with no two sides are equal is called a scalen triangle.



Based on the measure of the angles
triangles are classified into three types

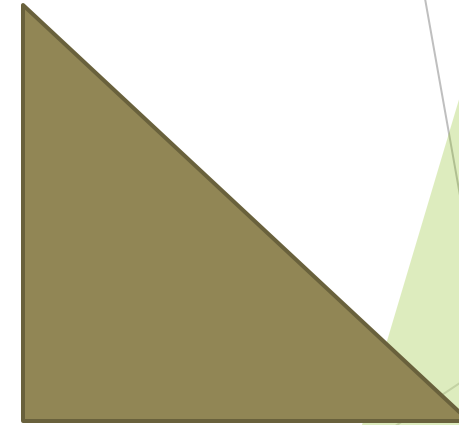
► ***Based on Angles***



Acute angled triangle



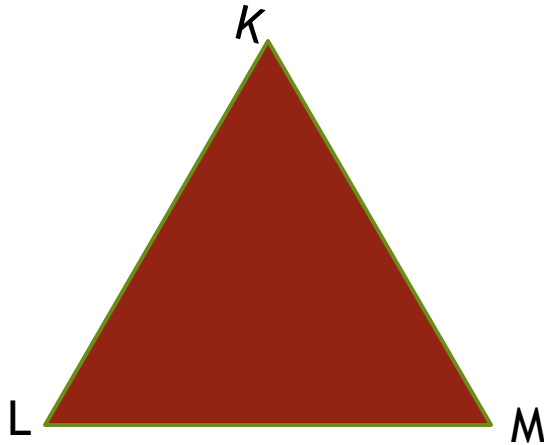
Right angled triangle



Obtuse angled triangle

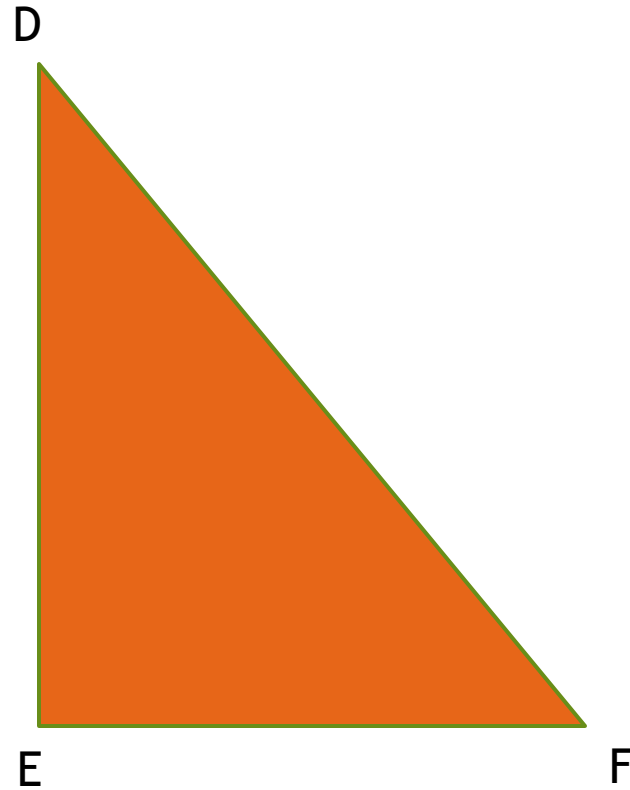
Acute angled triangle

- ▶ A triangle with all acute angles is called an acute angled triangle



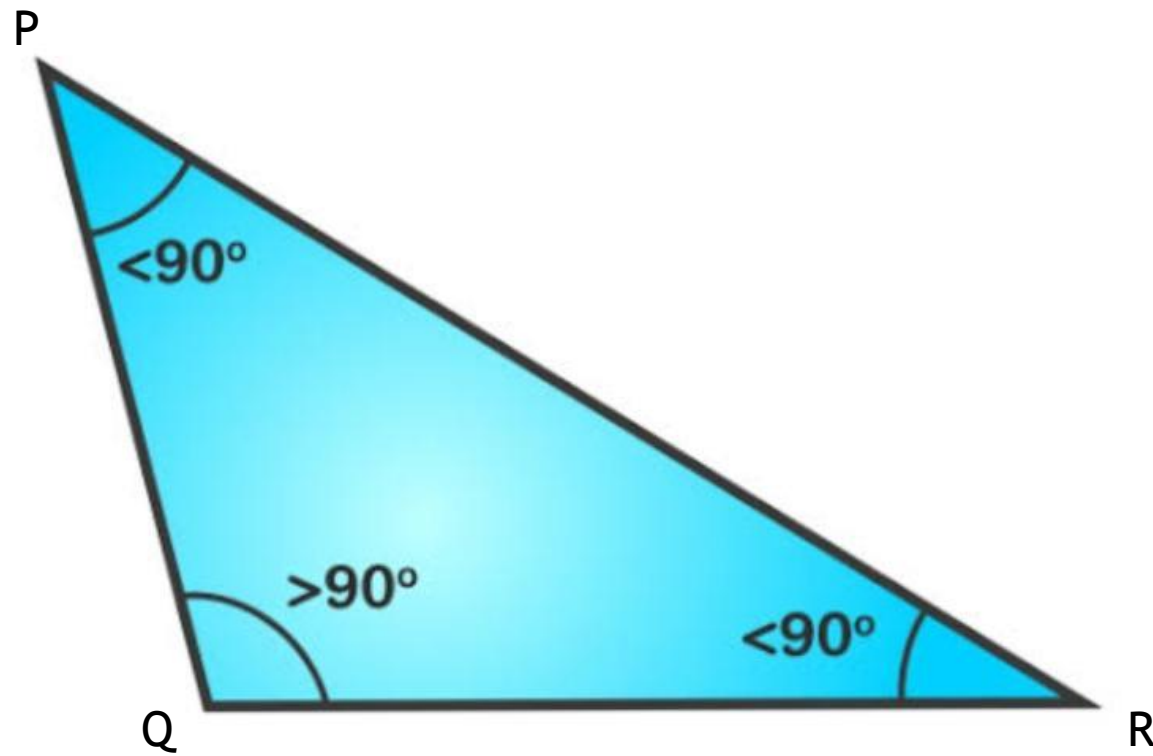
Right angled triangle

- ▶ A triangle with one right angle is called a right angled triangle



Obtuse angled triangle

- ▶ A triangle with one obtuse angle is called an obtuse angled triangle



Recaptulation

- ▶ Equilateral triangle
- ▶ Isosceles triangle
- ▶ Scalene triangle
- ▶ Acute angled triangle
- ▶ Right angled triangle
- ▶ Obtuse angled triangle