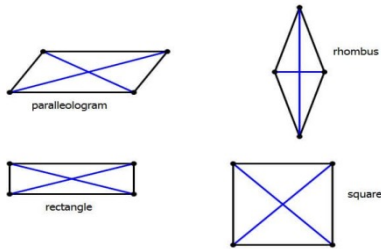


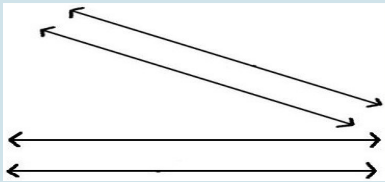
2D Shapes – Year 6

Properties of shapes

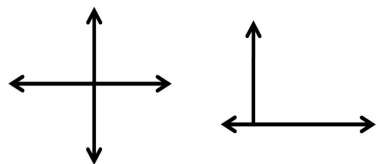
Diagonal: A diagonal is a straight line that joins any two corners which are not adjacent. Diagonals do not always cut a shape in half or go through the middle.



Parallel lines: Parallel lines are the same distance apart no matter how long they are. Parallel lines can never cross each other.

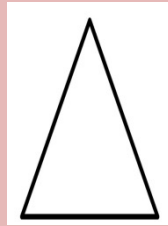


Perpendicular lines: Lines are perpendicular if they meet at right angles.



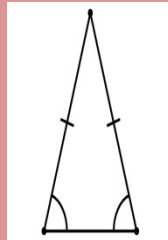
Triangles

Equilateral:



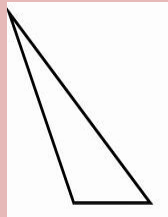
- Three sides are the same length
- Three equal angles

Isosceles:



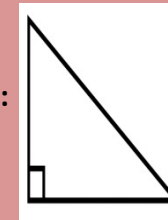
- Two sides are the same length
- Two angles are equal

Scalene:



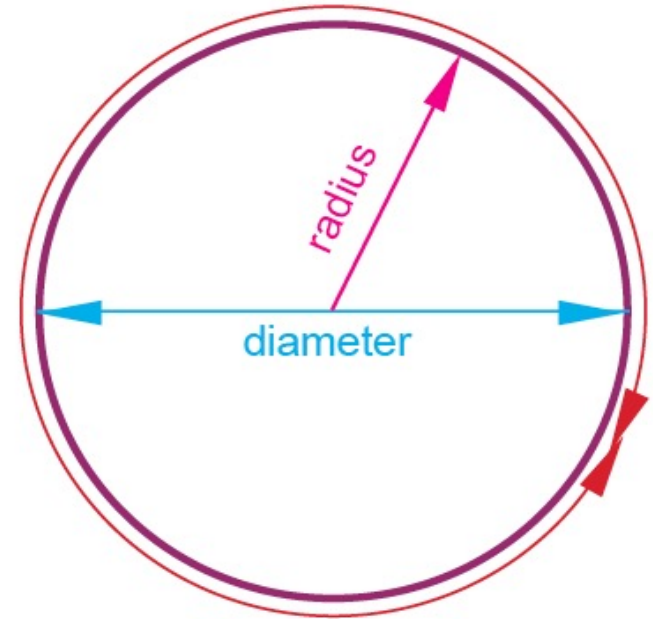
- No sides are the same length
- All angles are different sizes

Right-angled:



- Contains one right angle
- Can be isosceles or scalene

Parts of a circle



Radius:

A straight line from the centre of a circle to the circumference.

Diameter:

A straight line from one side of a circle to the other. It must go through the centre.

Circumference

The distance all the way round a circle. It is the perimeter of a circle.