

**Names of Polygons**

**Types of Triangles & Quadrilaterals**

**Angle Facts**

**Triangle** – 3 sides

**Quadrilateral** – 4 sides

**Pentagon** – 5 sides

**Hexagon** – 6 sides

**Heptagon** – 7 sides

**Octagon** – 8 sides

**Nonagon** – 9 sides

**Decagon** – 10 sides

**Types of Triangle**

**Equilateral**  
All sides are equal length, all angles  $60^\circ$

**Isosceles**  
Two equal length sides, two equal angles

**Scalene**  
All sides are different lengths, all angles are different sizes

**Types of Quadrilateral**

**Parallelogram** – Opposite sides are parallel and equal length

**Rhombus** – All sides are equal length, opposite edges are parallel

**Trapezium** – One pair of parallel edges

**Kite** – Adjacent pairs of sides are equal length

The sum of **angles on a straight line** is 180 degrees.

The sum of **angles at a point** is 360 degrees.

**Vertically opposite angles** are equal.

The sum of **angles in a triangle** is 180 degrees.

The sum of **angles in a quadrilateral** is 360 degrees.