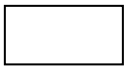
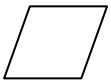
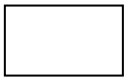
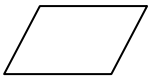
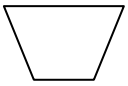
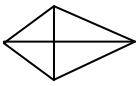
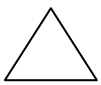
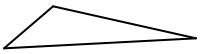
Shape and Space

perimeter	The total distance around the outside of a shape or object. Normally measured in centimetres (cm).
	If the sides of this triangle were 4cm long the perimeter of the triangle would be (3 x 4cm) = 12cm.
area	The total size of the surface or inside of a flat (2D) shape. Normally measured in square centimetres (cm^2).
	If the sides of this rectangle were 6cm long and 3cm wide the area of the rectangle would be length x width (6cm x 3cm) = $18cm^2$.
volume	The total size of the space inside a three dimensional (3D) shape or object. Normally measured in cubic centimetres (cm^3).
	If the sides of this cube were 3cm long the volume of the cube would be length x width x depth (3cm x 3cm x 3cm) = $27cm^3$.

Quadrilaterals: 4 sides, sum of all angles = 360 degrees			
square	4 equal sides opposite sides parallel 4 right angles	**rhombus** 	4 equal sides opposite sides parallel opposite angles equal 'a square on a slant'
rectangle 	4 sides opposite sides equal opposite sides parallel 4 right angles	**parallelogram** 	opposite sides equal opposite sides parallel opposite angles equal 'a rectangle on a slant'
trapezium 	4 sides 2 sides parallel 2 sides not parallel	**kite** 	4 sides 2 pairs of adjacent sides are equal

Triangles: 3 sides, sum of all angles = 180 degrees			
right-angled	3 sides 1 angle = 90 degrees 2 acute angles = 90 degrees	**isosceles**	3 sides 2 equal sides 2 equal angles
equilateral 	3 sides all sides equal all angles are 60 degrees	**scalene** 	3 sides all sides unequal all angles unequal

Angle	
right angle	90 ˚(like the corner of a square)
acute	less than 90 ˚
obtuse	more than 90 ˚but less than 180 ˚
reflex	greater than 180 ˚