





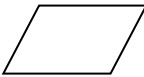
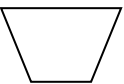
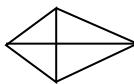


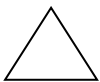
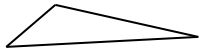


## Shape and Space

<b>perimeter</b>	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 $(3 \times 4\text{cm}) = 12\text{cm}$ .
<b>area</b>	The total size of the surface or inside of a flat (2D) shape. Normally measured in square centimetres (cm <sup>2</sup> ).
	If the sides of this rectangle were 6cm long and 3cm wide the area of the rectangle would be length x width $(6\text{cm} \times 3\text{cm}) = 18\text{cm}^2$ .
<b>volume</b>	The total size of the space inside a three dimensional (3D) shape or object. Normally measured in cubic centimetres (cm <sup>3</sup> ).
	If the sides of this cube were 3cm long the volume of the cube would be length x width x depth $(3\text{cm} \times 3\text{cm} \times 3\text{cm}) = 27\text{cm}^3$ .

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

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

<b>Angle</b>	
<b>right angle</b>	90° (like the corner of a square)
<b>acute</b>	less than 90°
<b>obtuse</b>	more than 90° but less than 180°
<b>reflex</b>	greater than 180°