



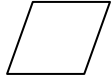
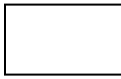
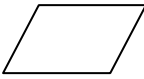
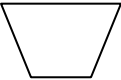
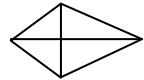



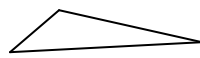


Shape and Space

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 $(3 \times 4\text{cm}) = 12\text{cm}$.
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 $(6\text{cm} \times 3\text{cm}) = 18\text{cm}^2$.
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 $(3\text{cm} \times 3\text{cm} \times 3\text{cm}) = 27\text{cm}^3$.

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°