

Max's Magnificent Guide to Shape

Master the Geometry Galaxy with Max the Monkey!

- A triangle is a polygon with three sides. The sum of the interior angles in any triangle is always 180 degrees.
- Quadrilaterals include squares, rectangles, rhombuses, and trapeziums. The sum of the interior angles in any quadrilateral is 360 degrees.
- Parallel lines are lines that stay the same distance apart and will never meet, no matter how far they are extended.
- Perpendicular lines meet at a right angle, which measures exactly 90 degrees.
- A 3D shape's 'net' is a flat pattern that can be folded along its edges to create the solid object.
- A circle's diameter is exactly twice the length of its radius, measuring the distance from one side to the other through the centre.

Did you know? Did you know? A 'regular' polygon is one where all sides are of equal length and all interior angles are equal. Even a shape with a thousand sides is still a polygon, provided it has straight sides and is a closed loop!

Key vocabulary: Polygon · Vertex · Parallel · Perpendicular · Congruent · Interior angles · Net