

Max's Magnificent Geometry Guide

Master the Maze of Shapes with Max the Monkey!

- An acute angle is always smaller than 90 degrees, while an obtuse angle is always greater than 90 degrees but less than 180 degrees.
- Parallel lines are like railway tracks that stay the same distance apart and will never meet, no matter how far they extend.
- Perpendicular lines meet exactly at a right angle, creating a perfect 'L' shape or a cross.
- A line of symmetry acts like a mirror; if you fold the shape along this line, both sides match perfectly.
- Quadrilaterals are any four-sided polygons, including squares, rectangles, rhombuses, parallelograms, and trapeziums.

Did you know? Did you know that a shape is only a polygon if it has straight sides and is completely closed? Even a tiny gap means it isn't a polygon at all! Max the Monkey loves to check every corner with his trusty protractor to see if angles are smaller or larger than a square corner.

Key vocabulary: Polygon · Parallel · Perpendicular · Acute Angle · Obtuse Angle · Symmetry · Quadrilateral · Vertex