

Max's Magnificent Geometry Guide

Get your protractor ready—it's time to shape up with Max the Maths Monkey!

- An acute angle is always greater than 0° but less than 90° . Can you spot one in the room?
- Parallel lines are like railway tracks; they stay the same distance apart and will never meet, no matter how far they go.
- Perpendicular lines meet at a perfect right angle, forming an 'L' shape or a cross (+).
- A regular polygon has equal sides and equal interior angles. An equilateral triangle is a perfect example.
- A reflex angle is larger than 180° but smaller than 360° . Think of it as a 'pac-man' mouth opening very wide!
- To find the perimeter of a shape, simply add up the lengths of all its outer sides. For area, we multiply length by width.

Did you know? Did you know? A circle is technically a polygon with an infinite number of sides! In geometry, we use the word 'vertex' to describe the corner where two or more edges meet. If you have more than one, we call them 'vertices'.

Key vocabulary: Polygon · Vertex · Parallel · Perpendicular · Reflex angle · Symmetry · Net