

Max's Geometry Challenge: Mastering Shapes and Angles

Learning objective: To identify, describe, and classify 2D shapes and angles according to their mathematical properties.

Read the front of each flashcard to test your knowledge of geometry. Flip the card to check if your answer matches Max the Monkey's notes!

What is an acute angle?	What is an obtuse angle?
An angle that is less than 90 degrees.	An angle that is greater than 90 degrees but less than 180 degrees.
What is a reflex angle?	Describe parallel lines.
An angle that is greater than 180 degrees but less than 360 degrees.	Lines that stay the same distance apart and never meet.
What are perpendicular lines?	What is a regular polygon?
Lines that meet or cross at a right angle (90 degrees).	A 2D shape where all sides and all interior angles are equal.
Define an equilateral triangle.	Define an isosceles triangle.
A triangle with three equal sides and three equal angles (all 60 degrees).	A triangle with at least two equal sides and two equal angles.
Define a scalene triangle.	What is a quadrilateral?
A triangle where all three sides and all three angles are different lengths and sizes.	A four-sided polygon.
How many degrees are in a straight line?	How many degrees are in a full turn?
180 degrees.	360 degrees.