

Max's Magnificent Maths: Mastering Angles

Learning objective: To identify, measure, and calculate angles within shapes and around points, lines, and turns.

Use these flashcards to test your knowledge of angles. Max the monkey says: 'Think of every angle as a puzzle waiting to be solved!'

What is an acute angle?

An angle that measures less than 90 degrees.

What is an obtuse angle?

An angle that is greater than 90 degrees but less than 180 degrees.

What is a reflex angle?

An angle that is greater than 180 degrees but less than 360 degrees.

How many degrees are in a full turn?

360 degrees.

If two angles are on a straight line, what do they add up to?

180 degrees.

What do angles around a single point always add up to?

360 degrees.

True or False: Vertically opposite angles are always equal.

True.

What is the sum of interior angles in a triangle?

180 degrees.

What is the sum of interior angles in a quadrilateral?

360 degrees.

What is a right angle?

An angle that measures exactly 90 degrees.

If an angle is 45 degrees, what is its complement (the angle needed to make 90 degrees)?

45 degrees.

Which tool do we use to measure angles accurately in degrees?

A protractor.