

Max's Magnificent Angle Adventure

Learning objective: To identify, compare, and order angles and recognise right angles in shapes and turns.

Max the monkey is helping us sort out these maths puzzles. Read the front of each card, try to answer it, then flip it over to see if you are correct!

What is an angle that is less than a right angle called?

An acute angle.

How many degrees are in a full turn?

360 degrees.

What do we call an angle that is greater than 90 degrees but less than 180 degrees?

An obtuse angle.

How many degrees are in a right angle?

90 degrees.

If you turn from North to East, what type of turn have you made?

A quarter turn (which is a right angle).

What is the point called where two lines meet to form an angle?

A vertex.

How many degrees are in a straight line?

180 degrees.

Max has a square. How many right angles does it have?

Four right angles.

Is an angle of 45 degrees acute or obtuse?

Acute.

Is an angle of 120 degrees acute or obtuse?

Obtuse.

If you make a half turn, how many degrees have you rotated?

180 degrees.

True or False: A right angle is exactly 90 degrees.

True.