

Max's Magnificent Angles Challenge

Learning objective: To identify, compare, and order angles, and to understand that an angle is a measure of turn.

Read each flashcard carefully. Use your knowledge of degrees and turns to identify the type of angle or the measurement shown. Max the monkey is waiting to see how many you get right!

What is an acute angle?

An angle that is less than 90 degrees.

How many degrees are in a right angle?

90 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 straight line?

180 degrees.

If Max makes a full turn, how many degrees has he rotated?

360 degrees.

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

A vertex.

What type of angle is 120 degrees?

An obtuse angle.

True or False: A right angle is exactly a quarter turn.

True.

Compare an acute angle and an obtuse angle.

An acute angle is smaller than a right angle (less than 90 degrees), while an obtuse angle is larger than a right angle but smaller than a straight line.

If you have an angle of 200 degrees, what is it called?

A reflex angle.

What mathematical tool do we use to measure angles accurately?

A protractor.

Max turns 90 degrees twice. How many degrees has he turned in total?

180 degrees.