

LO: I can identify angles.

Parent Notes: Children develop their understanding of obtuse and acute angles by comparing with a right angle. They use an angle tester to check whether angles are larger or smaller than a right angle.

Children learn that an acute angle is more than 0 degrees and less than 90 degrees, a right angle is exactly 90 degrees and an obtuse angle is more than 90 degrees but less than 180 degrees.

Key Questions:

How many degrees are there in a right angle?

Can you draw an acute/obtuse angle?

Can you estimate the size of an angle? *Think about what you know, such as how many degrees are in a right angle to help you.*

Questions:

1) Circle the obtuse angles:



2) Look at these shapes. Label each of the interior angles as obtuse, acute or a right angle.





1) Which angle is the odd one out?



Explain your answer:

2) Romesh says, "A triangle can have two obtuse angles."

Is he correct? _____

Prove it!

1) Write a statement about the angles in a trapezium that is



a) never true: _____

b) always true: _____

Explain your answer: _____

2) Zafi adds three acute angles together to make an obtuse angle.

a) What is the smallest size her angles can be? _____

b) What is the largest? _____

c) Prove it! _____
