

Max the Monkey's Angle Adventure

Learning objective: To recognise angles as a property of shape or a description of a turn, and identify right angles in 2D shapes.

Max the Monkey is looking for angles everywhere! Follow his lead to identify, compare, and draw angles using your knowledge of right angles.

Max the Monkey is exploring the jungle. He knows that an angle is where two lines meet at a point. A right angle is exactly like the corner of a square. If an angle is smaller than a right angle, it is acute. If it is larger than a right angle, it is obtuse.

Word bank: Angle · Right angle · Acute · Obtuse · Turn · Degree · Corner · Quarter turn

1. Max finds a square stone. How many right angles does a square have? Explain how you know. (2 marks)

2. Look at these shapes: a triangle, a rectangle, and a pentagon. Which of these shapes has only right angles? Draw the shape below. (2 marks)

3. Max turns a full circle. How many right angles are there in a full turn? (1 mark)

4. Identify the angles below as 'Acute', 'Obtuse', or 'Right angle'. Draw a line to match them to their definition. (3 marks)

5. If Max makes a quarter turn, is the angle he created a right angle? Yes or No? Explain your answer. (2 marks)

Draw: Draw a house using only straight lines. Circle all the right angles you can find in your drawing with a red pencil.



Extension challenge: Find three objects in your classroom that have right angles and three objects that do not. Write a list explaining why they are different.