

# Max's Shape Adventure

*Learning objective: To identify, compare, and sort 2D and 3D shapes, and identify lines of symmetry.*

Read each question carefully. Use the word bank to help you spell the names of the shapes. Write your answers clearly in the spaces provided.

Max the monkey is looking for shapes in the park. He finds a square sign, a round ball, and a triangular flag. Help him solve these shape puzzles!

*Word bank: Square · Rectangle · Triangle · Circle · Cube · Sphere · Symmetry · Parallel*

**1. 1. Max sees a shape with 4 equal sides and 4 right angles. What is the name of this shape? (2 marks)**

**2. 2. Look at a rectangle. How many lines of symmetry does it have? Draw them if it helps. (3 marks)**

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**3. 3. Max has a 3D object that looks like a ball. What is the mathematical name for this 3D shape? (2 marks)**

**4. 4. A shape has 3 sides and 3 corners. What is this shape called? Use a ruler to draw one here. (4 marks)**

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**5. 5. Max finds a brick. It has 6 square faces. Describe this 3D shape. How many edges does it have? (4 marks)**

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**6. 6. Look at a square and a rectangle. Explain one way they are the same and one way they are different. (5 marks)**

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**7. 7. If a shape has a line of symmetry, what does that mean? Use your own words. (5 marks)**

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**Draw: Draw a pattern on the back of your paper using only triangles and circles. Make sure your pattern repeats.**



*Extension challenge: Total: /25. Challenge: Can you find a shape in your classroom that has more than 4 sides? Write its name here.*