

Max's Geometric Garden Design

Learning objective: To draw and label 2D shapes with specific properties and identify their geometric features.

Follow the steps below to help Max the monkey design his new geometric garden. Use a ruler and a sharp pencil to ensure your lines are accurate.

Draw: Create a garden scene on A4 paper. In the centre, draw a regular hexagon flowerbed. To the left, draw an equilateral triangle path. To the right, draw a parallelogram-shaped pond. Use a ruler for all straight lines. Use a fine-liner pen to clearly label your shapes using the terms from the word bank. Add small drawings of Max the monkey standing near the pond.



Label words: Equilateral triangle · Parallelogram · Regular hexagon · Right angle · Parallel lines · Vertex · Perimeter

Steps:

1. Draw an equilateral triangle with a side length of 5cm. Label all interior angles.
2. Draw a parallelogram that has a base of 6cm. Mark the parallel lines using arrows.
3. Draw a regular hexagon. How many vertices does your shape have?
4. If Max builds a fence around the hexagon where each side is 4m, what is the total perimeter in metres?

5. Identify one shape in your drawing that contains at least one right angle. Label it clearly.