

Mastering Area and Perimeter with Max the Monkey

Max the Monkey's Mathematical Mission: Unlock the Secrets of Space and Boundary!

- The perimeter of a shape is the total distance around the outside. To find it, simply add the lengths of all the sides together.
- The area of a rectangle is calculated by multiplying the length by the width ($L \times W$). Remember, area is always measured in square units, like cm^2 .
- For rectilinear shapes, you can split the compound shape into two or more smaller rectangles, calculate their individual areas, and add them together.
- If a square has a side length of 5cm, its perimeter is 20cm ($5 + 5 + 5 + 5$) and its area is 25cm^2 (5×5).
- Always check your units! Perimeter uses linear units (cm, m, km), while area uses square units (cm^2 , m^2 , km^2).

Did you know? Did you know? The word 'perimeter' comes from the Ancient Greek words 'peri', meaning around, and 'metron', meaning measure. If you walked all the way around a shape, you would be tracing its perimeter!

Key vocabulary: Perimeter · Area · Rectilinear · Square centimetres (cm^2) · Formula · Compound shape · Dimension