Stage 5 Cambridge Primary Mathematics Homework

Tuesday 15 September 2025

Learning Objective Covered:

- **5Gg.02:** Estimate and measure perimeter and area of 2D shapes, understanding that shapes with the same perimeter can have different areas and vice versa.

Instructions: Answer the questions below. Write your final answers clearly in the spaces provided.

Questions

1. The distance all the way around the outside edge of a 2D shape is called its _____.
   (1 mark)
2. The amount of surface or space covered inside a 2D shape is called its _____.
   (1 mark)
3. True or False: Two rectangles with the same perimeter must always have the exact same area. _____
   (1 mark)
4. A rectangle has a length of 8 cm and a width of 4 cm.
   a) Calculate its perimeter: _____ cm *(1 mark)*
   b) Calculate its area: _____ cm^2 *(1 mark)*
5. Rectangle A measures 10 cm by 2 cm (Perimeter = 24 cm). Its area is _____ cm^2.
   (1 mark)
6. Rectangle B has the same perimeter of 24 cm, but measures 7 cm by 5 cm. Its area is _____ cm^2.
   (1 mark)
7. Rectangle C and Rectangle D both have an area of 12 cm^2. Rectangle C measures 12 cm × 1 cm and has a perimeter of 26 cm. If Rectangle D measures 6 cm × 2 cm, what is its perimeter? _____ cm
   (1 mark)
8. A learner confuses perimeter and area. Complete the statement to show the correct units used for each:
   Perimeter is measured in linear units like cm, *whereas area is always measured in* _____ *units like* cm^2.
   (2 marks)

LIVEWORKSHEETS