Year 5 Measurement, perimeter and area: topic test

Name: _____ Date: _____

12 questions | 28 marks | 30 minutes

Read measurements, count or split regions, find perimeter and explain which measure a task needs.

No calculator needed.

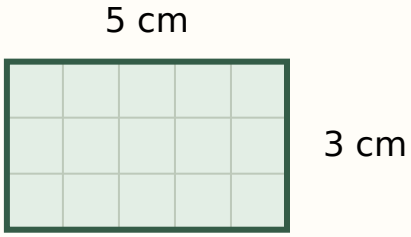
1. Choose a useful metric unit for the capacity of a drink bottle. [1 mark]

2. Convert 4 m to centimetres. [1 mark]

3. A ruler section from 2 cm to 4 cm has 4 equal gaps. Find the length of one gap. [2 marks]

4. An object starts at 3 cm on a ruler and ends at 11 cm. Find its length. [2 marks]

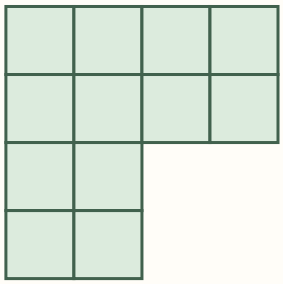
5. Find the area of the shown rectangle. [2 marks]



Each grid square has side 1 cm.

6. Find the perimeter of a 6 cm by 4 cm rectangle. [2 marks]

7. Find the area of the joined-square region. [2 marks]



Each small square has area 1 cm².

8. A 7 cm by 4 cm rectangle has a 2 cm by 1 cm corner removed. Find the remaining area. [3 marks]

9. A 9 m by 4 m rectangular garden has a 2 m gate opening. Find the fencing needed. [3 marks]

10. A rectangle has perimeter 30 cm and width 5 cm. Find its length. [3 marks]

11. Does a 5 cm by 3 cm rectangle need 15 cm or 16 cm of ribbon to go once around its edge? Explain. [3 marks]

12. Compare a 6 cm by 2 cm rectangle and a square with side 4 cm. Find both perimeters and areas, then state what this shows. [4 marks]