1 Find the perimeter of each of the following:

a 7 m   **b** 18 km, 9 km, 12 km   **c** 10 cm, 20 cm
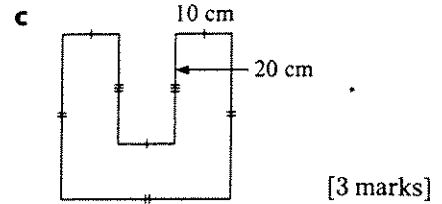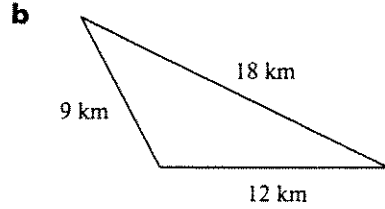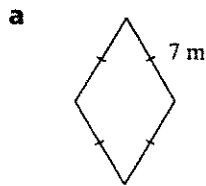
[3 marks]

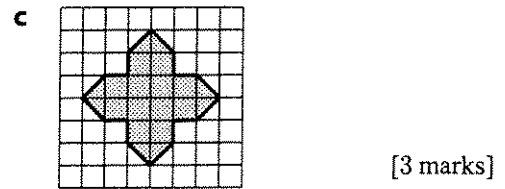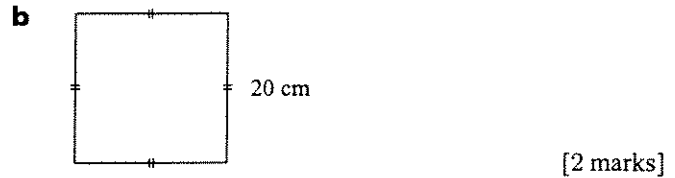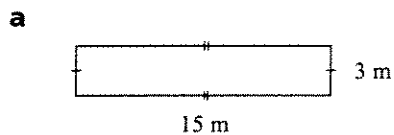**2** Suggest suitable units for measuring the following:

a the perimeter of a shopping centre carpark

b the circumference of a cricket ball

c the area of Stewart Island.

[3 marks]

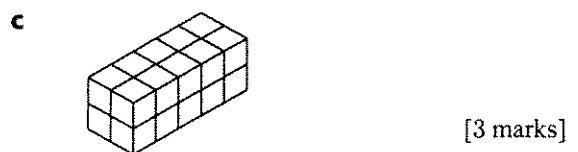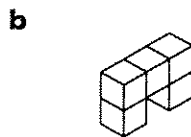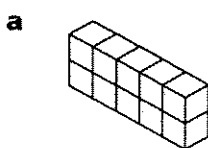**3** Find the shaded area of each of the following if a square has a length 1 unit:

a   **b**   **c**

[3 marks]
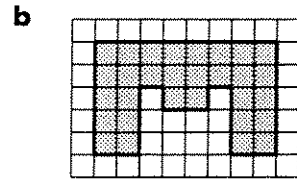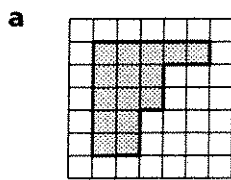
4 Find the area of each of the following:

a 3 m, 15 m   **b** 20 cm

[2 marks]

5 A rectangular pool is 60 square metres in area.
If its width is 5 metres, find its length.

[1 mark]

6 Find the volume of the following solids by counting cubes.
Each cube has a volume of 1 cubic centimetre.

a   **b**   **c**

[3 marks]

7 **a** Determine the volume in cubic units of the shape shown:

b Determine the least number of cubic units needed to be added to complete the shape as a rectangular prism.
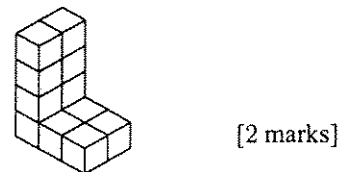
[2 marks]

8 Suggest the best unit to measure the capacity of the following:

a a kitchen sink   **b** a tablespoon of cooking oil

[2 marks]

9 Suggest the best unit to measure the mass of

a your teacher   **b** your pencil

[1 mark]

Total: 20 marks