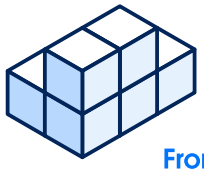
GCSE FOUNDATION · REVISION MAT 4

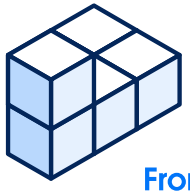
Plans and elevations

1 The solid is made from centimetre cubes.



On the grid, draw the front elevation.

2 The solid is made from centimetre cubes.

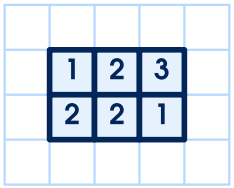


On the grid, draw the plan view.

3 Ezra says the plan view of a sphere is a semicircle.

Explain why Ezra is wrong.

4 The plan shows how many cubes are in each stack.

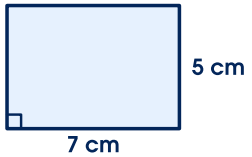


Show that the solid is made from 11 cubes.

5 Here are the front elevation, side elevation and plan of a cuboid.







Work out the volume of the cuboid.

6 Here are the front elevation, side elevation and plan of a 3D shape.

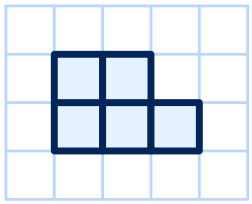


Name the 3D shape.

ANSWERS · REVISION MAT 4

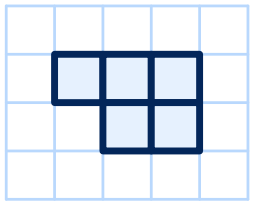
Plans and elevations

1



Seen from the front, each column is as tall as its tallest stack.

2



The plan is the view from directly above.

3 From directly above you would see **a circle**.

4 1 + 2 + 3 + 2 + 2 + 1 = **11** ✓

5 Length 7 cm, width 5 cm, height 2 cm

7 × 5 × 2 = **70 cm^3**

6 **Cone**