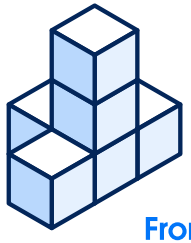
GCSE FOUNDATION · REVISION MAT 5

Plans and elevations

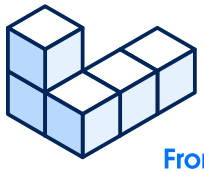
1 The solid is made from centimetre cubes.



Front

On the grid, draw the front elevation.

2 The solid is made from centimetre cubes.



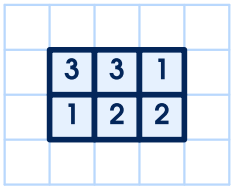
Front

On the grid, draw the plan view.

3 Fran says the plan view of a cylinder lying on its side is a circle.

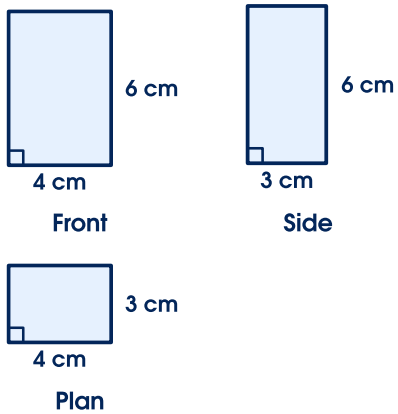
Explain why Fran is wrong.

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



Show that the solid is made from 12 cubes.

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



Work out the volume of the cuboid.

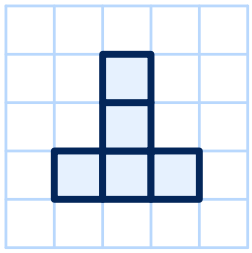
6 Here are the front elevation, side elevation and plan of a 3D shape.



Front Side Plan

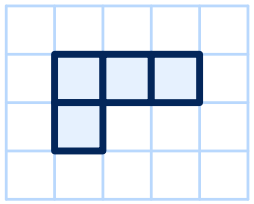
Name the 3D shape.

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 rectangle**.

ANSWERS · REVISION MAT 5

Plans and elevations

4 3 + 3 + 1 + 1 + 2 + 2 = **12** ✓

5 Length 4 cm, width 3 cm, height 6 cm

4 × 3 × 6 = **72 cm^3**

6 **Cuboid**