



THIRD SPACE
LEARNING

GCSE Exam Questions

Plans and Elevations |
Geometry & Measure

GCSE Exam Questions: Plans and Elevations

- 1) The front elevation, side elevation and plan view of a solid are shown.



Which of these solids corresponds to the views? Circle your answer.

Cylinder

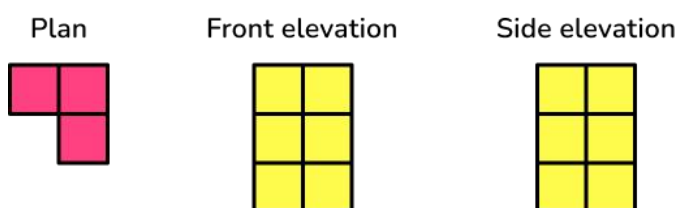
Cuboid

Cone

Sphere

(1 mark)

- 2) The plan view, front elevation and side elevation of a solid are shown.



How many cubes are used to make the solid? Circle your answer.

6

9

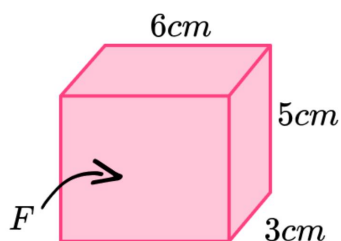
12

15

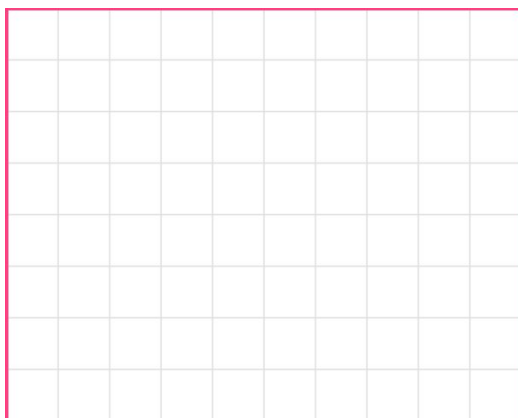
(1 mark)

GCSE Exam Questions: Plans and Elevations

- 3) The diagram shows a cuboid.

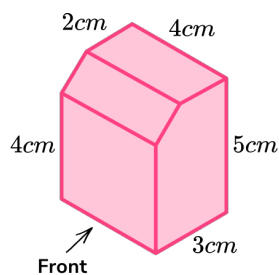


On the centimetre grid draw accurately the plan of the cuboid.

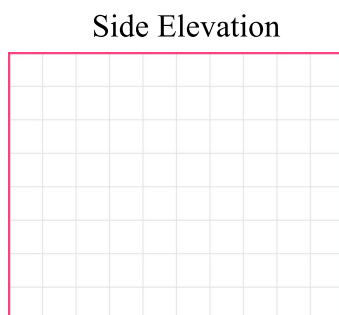
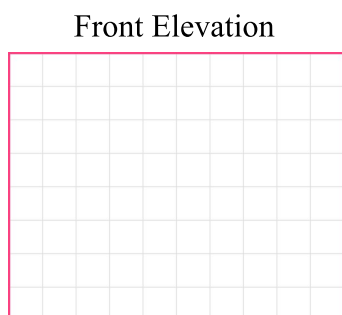


(2 marks)

- 4) The diagram shows a prism.



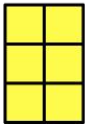
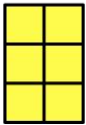
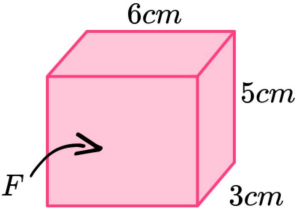



On the centimetre grid draw accurately the front elevation and the side elevation.

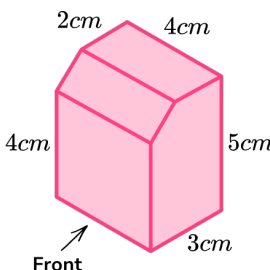
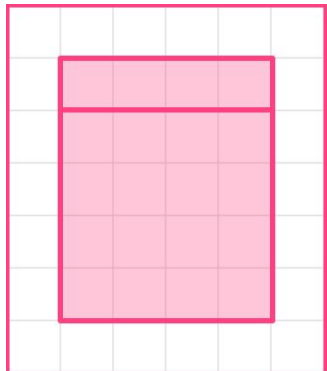
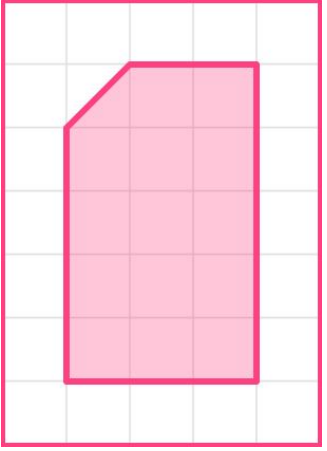


(4 marks)

GCSE Exam Questions: Plans and Elevations Answers

	Question	Answer	Marks
1)	<p>The front elevation, side elevation and plan view of a solid are shown.</p>  <p>Which of these solids corresponds to the views? Circle your answer.</p> <p>Cylinder Cuboid Cone Sphere</p>	Cone	(1)
2)	<p>The plan view, front elevation and side elevation of a solid are shown.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Plan</p>  </div> <div style="text-align: center;"> <p>Front elevation</p>  </div> <div style="text-align: center;"> <p>Side elevation</p>  </div> </div> <p>How many cubes are used to make the solid? Circle your answer.</p> <p>6 9 12 15</p>	9	(1)
3)	<p>The diagram shows a cuboid.</p>  <p>On the centimetre grid draw accurately the plan of the cuboid.</p>	 <p>Rectangle Rectangle - 6 cm by 3 cm</p>	(1) (1)

GCSE Exam Questions: Plans and Elevations Answers

	Question	Answer	Marks
4)	<p>The diagram shows a prism.</p>  <p>On the centimetre grid draw accurately the front elevation and the side elevation.</p>	<p>Front Elevation</p>  <p>4 by 5 rectangle Line across in correct place</p> <p>Side elevation:</p>  <p>Trapezium with base 3 and height 5 For the correct trapezium</p>	<p>(1) (1)</p> <p>(1) (1)</p>

Where to go next?

For more diagnostic questions, and GCSE maths revision resources and worksheets to support students in fixing any misconceptions take a look at the free Third Space Learning [GCSE maths revision](#) pages.

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