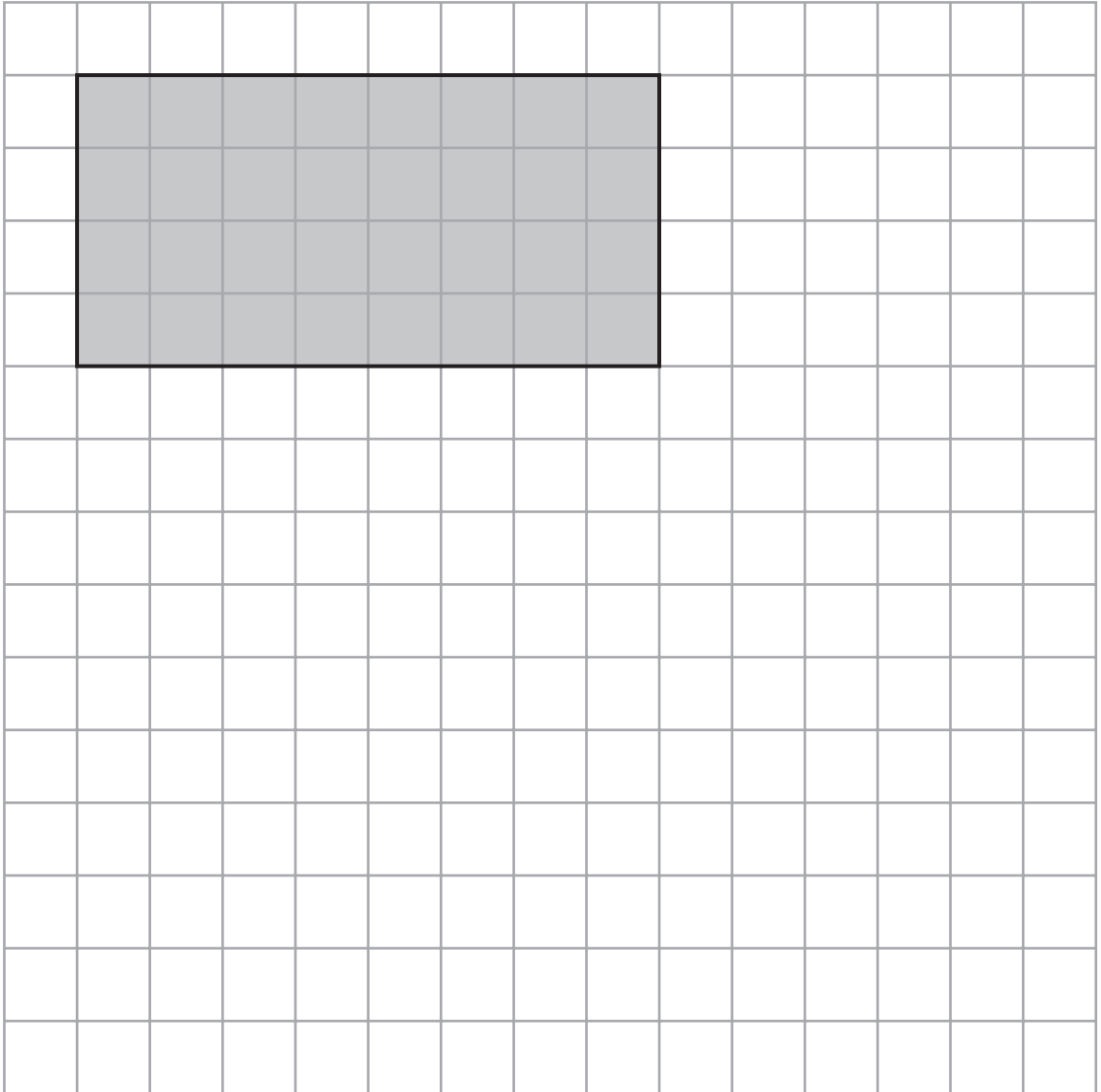


# Plans and Elevations

November 2023 Paper 3

19 The front elevation of a cuboid is shown on the centimetre grid below.



The volume of the cuboid is  $224 \text{ cm}^3$

On the grid, draw the plan of the cuboid.

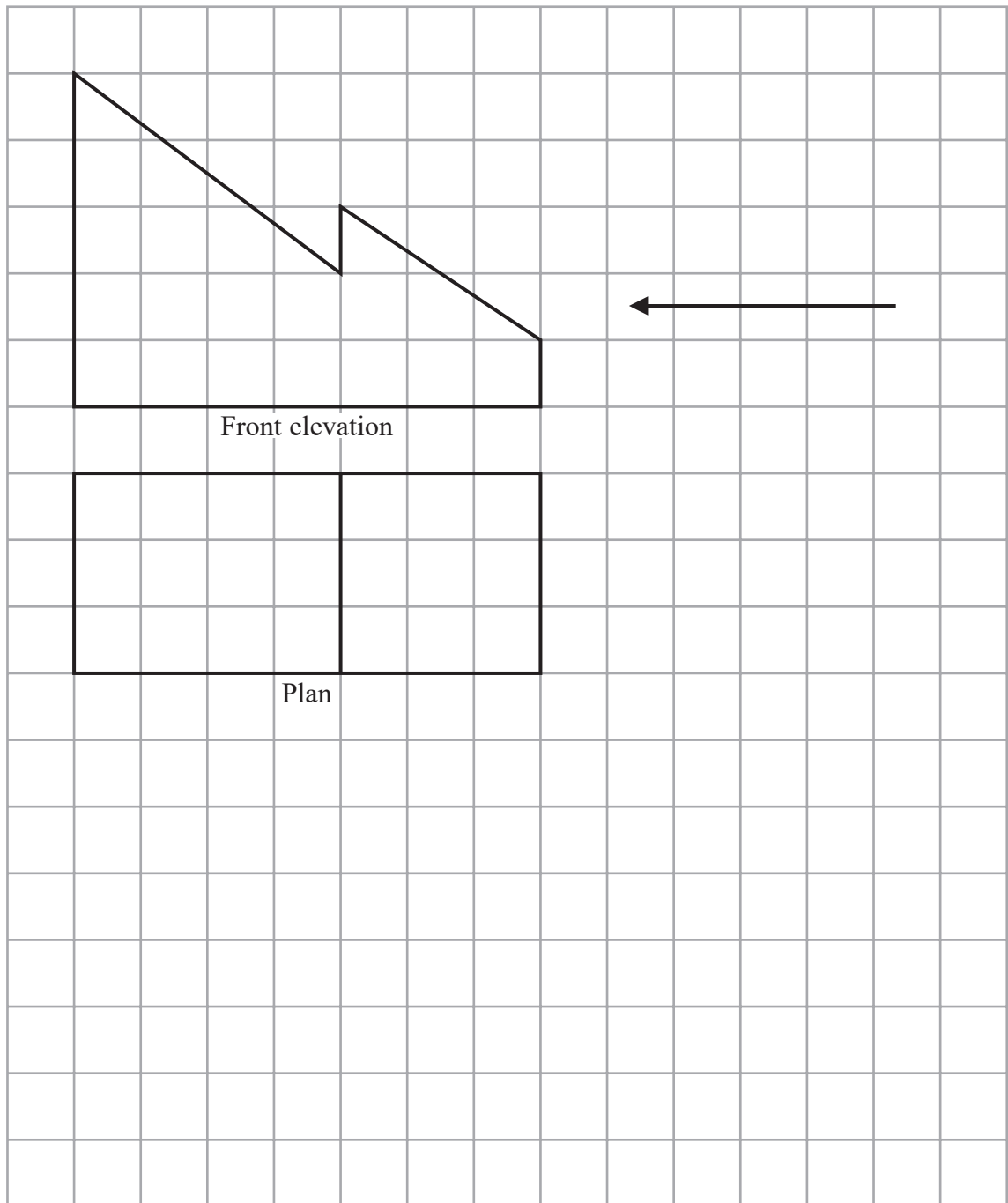
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(Total for Question 19 is 3 marks)

November 2022 Paper 2

19 The front elevation and the plan of a solid are shown on the grid.

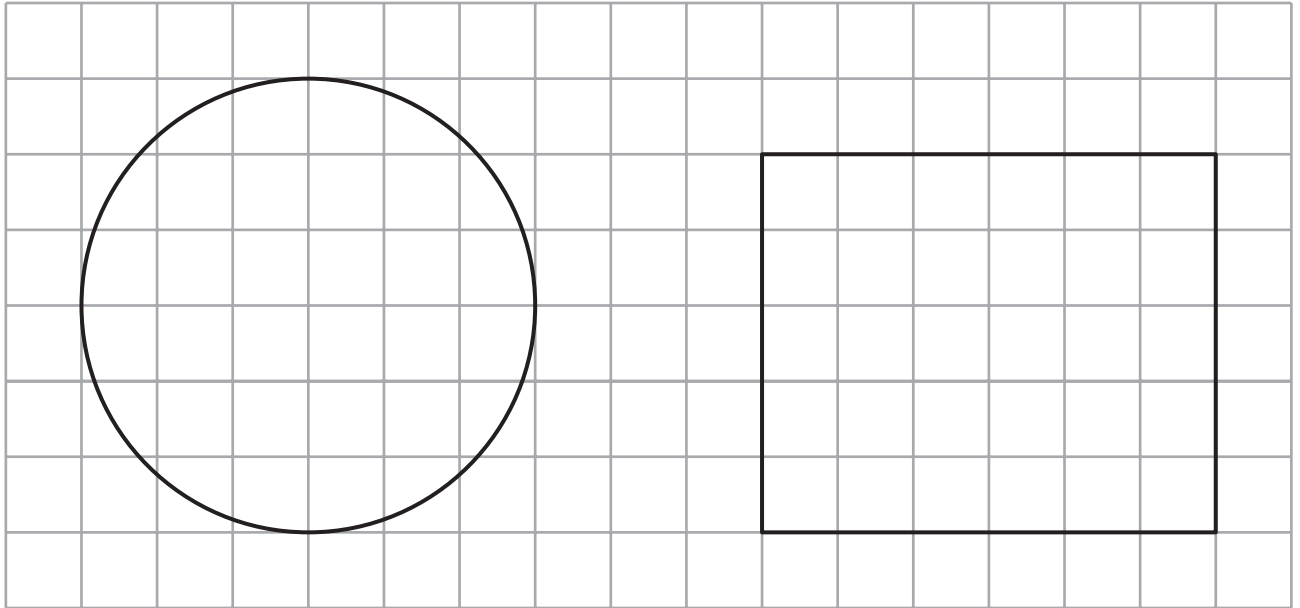
On the grid, draw the side elevation of the solid from the direction of the arrow.



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(Total for Question 19 is 2 marks)

22 The centimetre grid shows the plan and the front elevation of a cylinder.



Plan

Front elevation

Work out the volume of the cylinder.  
Give your answer in terms of  $\pi$

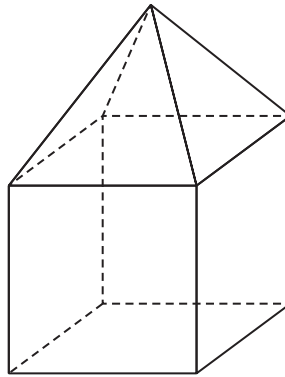
..... cm<sup>3</sup>

**(Total for Question 22 is 3 marks)**

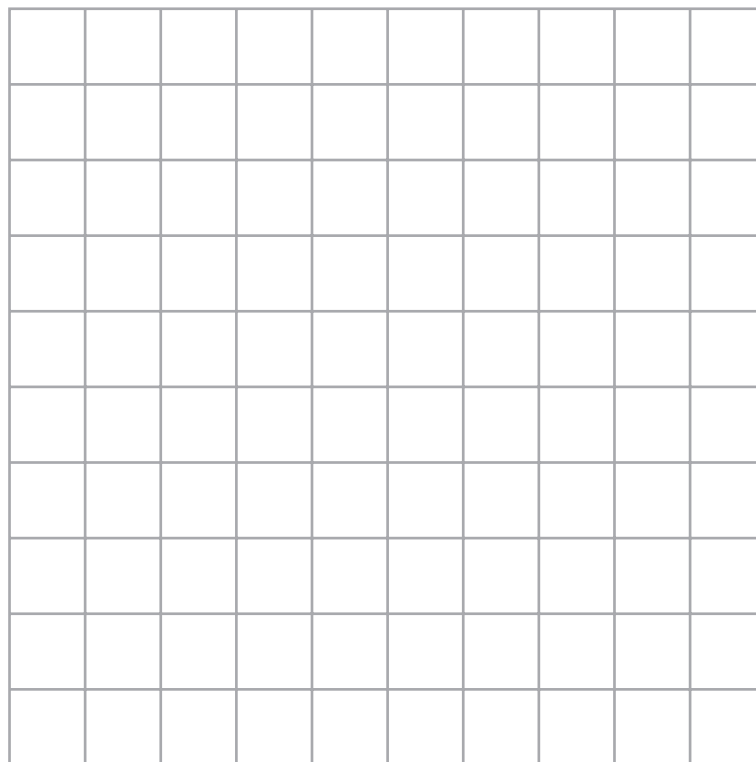
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June 2020 Paper 3

- 22 Here is a solid made from a square-based pyramid and a cube.  
Each edge of the solid has length 6cm.



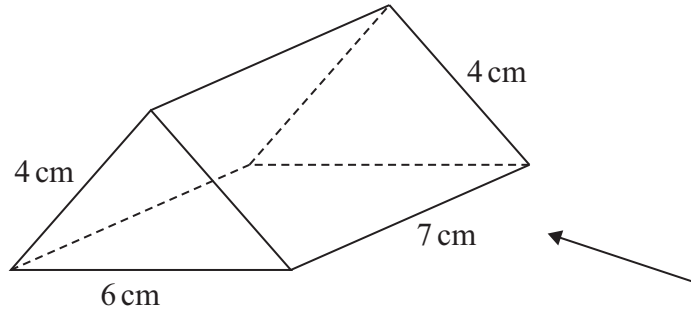
On the centimetre grid, draw the plan of this solid.



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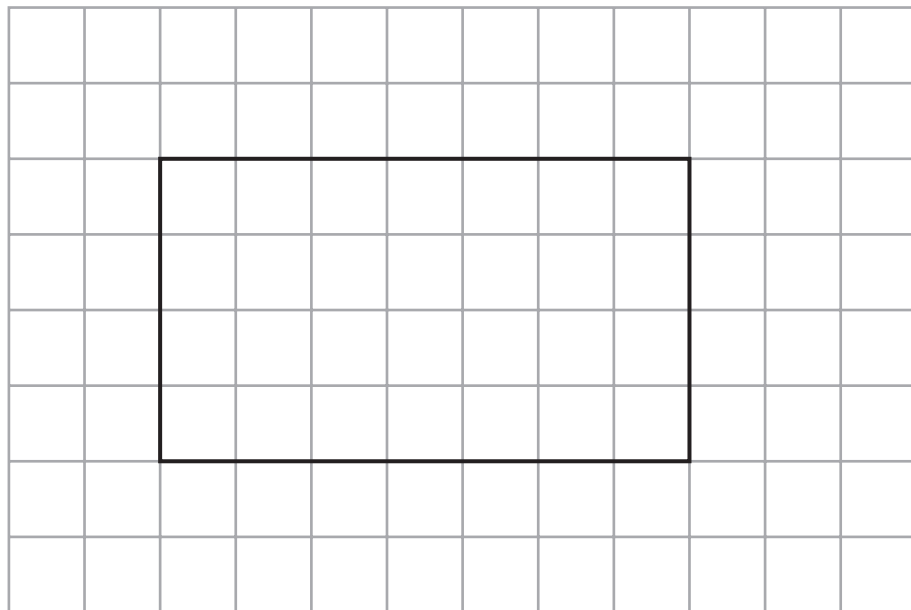
(Total for Question 22 is 2 marks)

24 The diagram shows a solid triangular prism.



Rana is trying to draw the side elevation of the solid prism from the direction of the arrow.

Here is her answer on a centimetre grid.



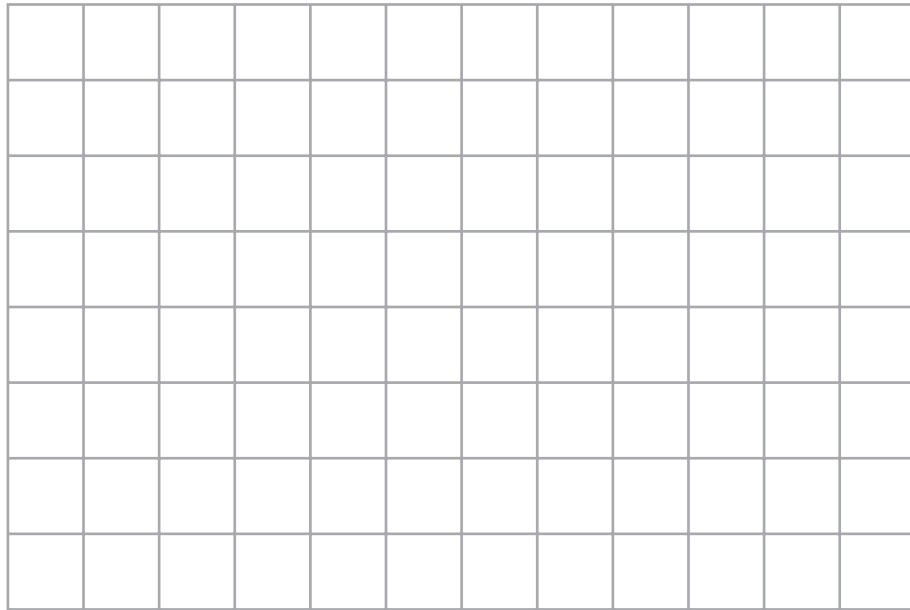
(a) Explain why Rana's side elevation is not correct.

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(b) On the centimetre grid below, draw a plan of the solid prism.



(2)

**(Total for Question 24 is 3 marks)**

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