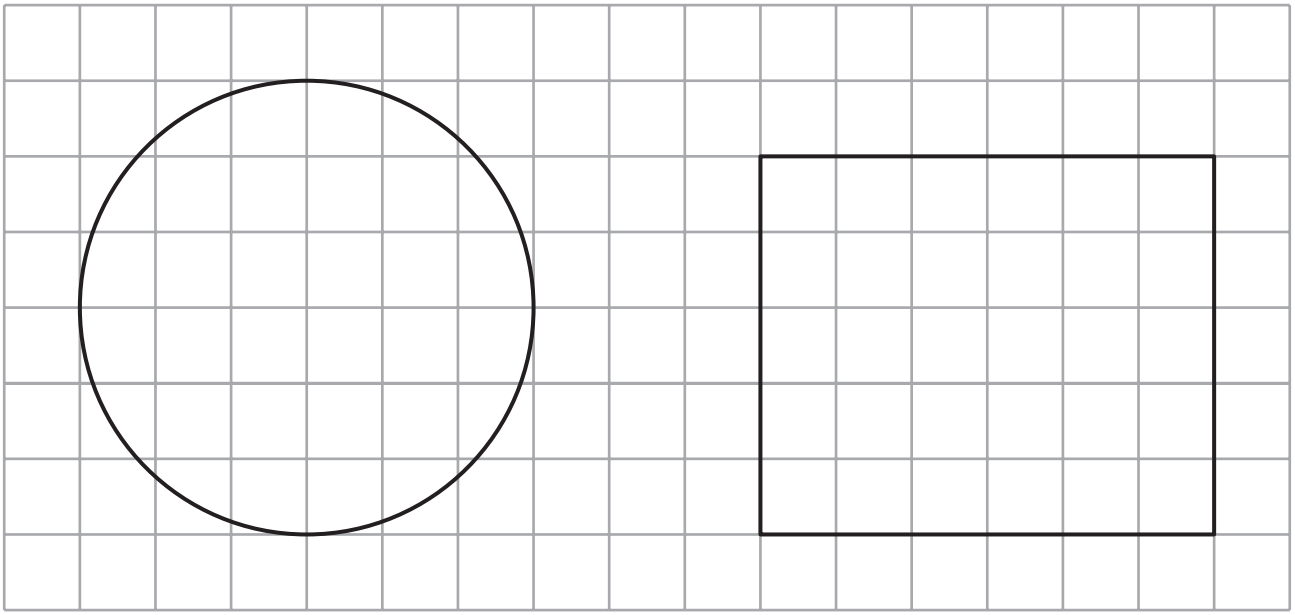
1 The centimetre grid shows the plan and the front elevation of a cylinder.



Plan Front elevation

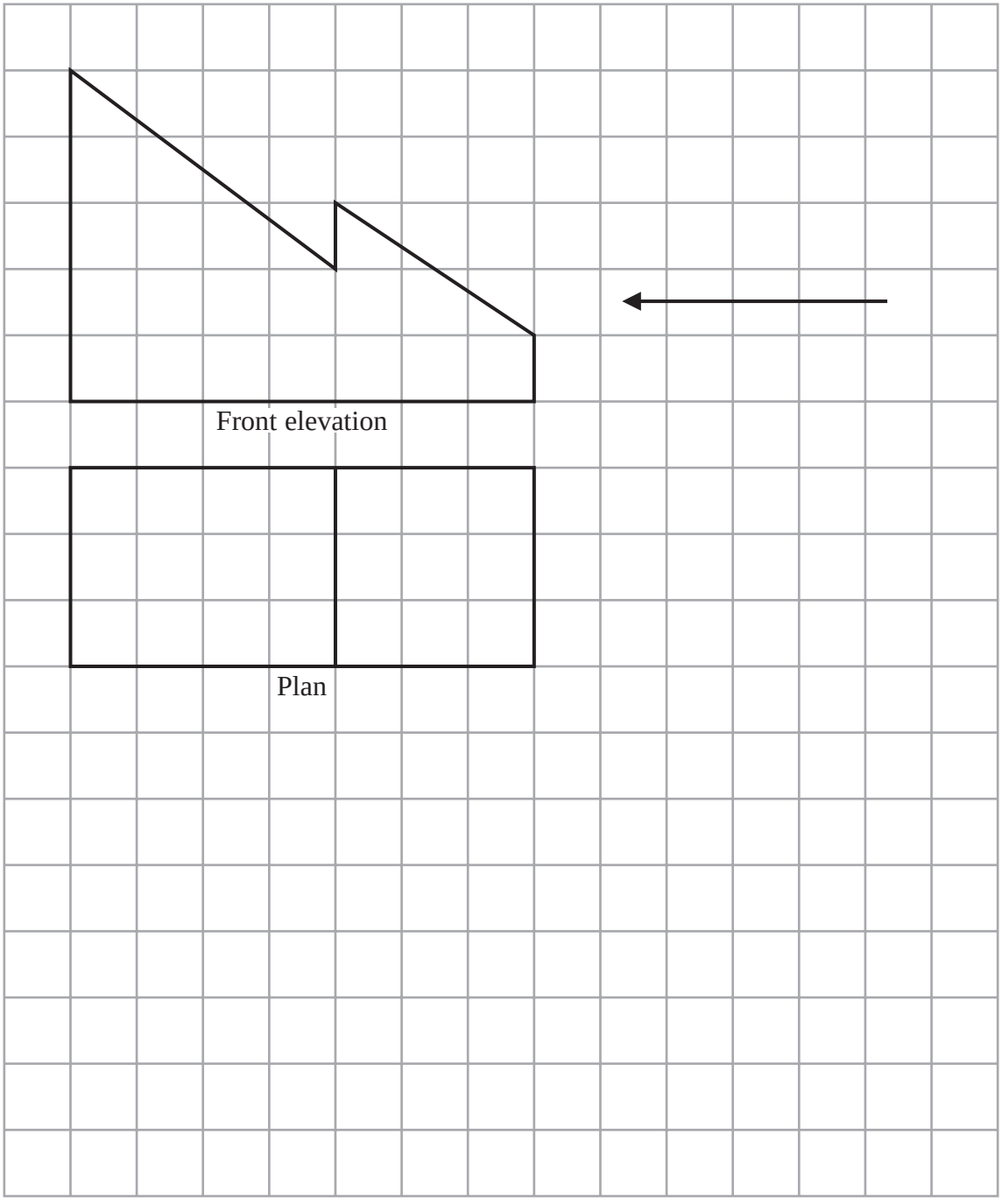
Work out the volume of the cylinder.
Give your answer in terms of π

..... cm^3

(Total for Question 1 is 3 marks)

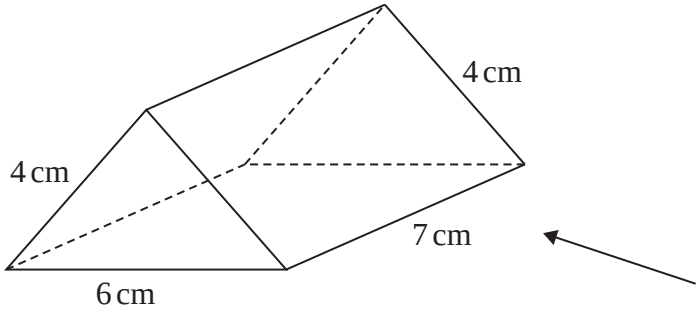
2 The front elevation and the plan of a solid are shown on the grid.

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



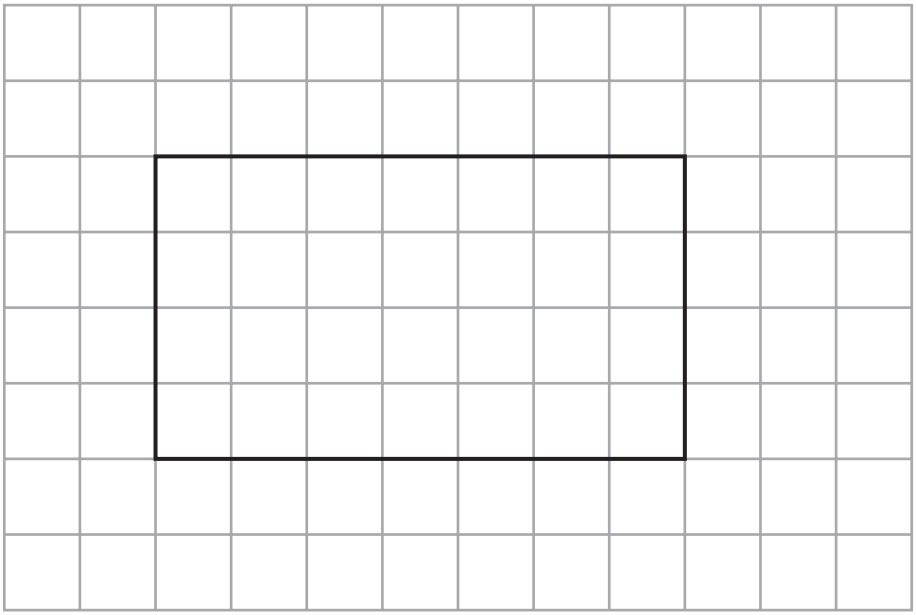
(Total for Question 2 is 2 marks)

3 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.

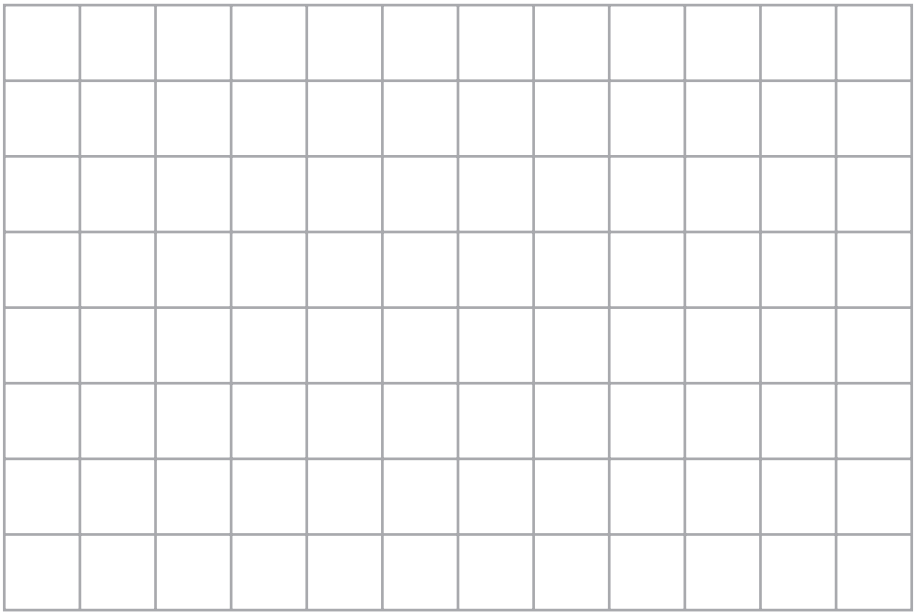
.....

.....

.....

(1)

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



(2)

(Total for Question 3 is 3 marks)