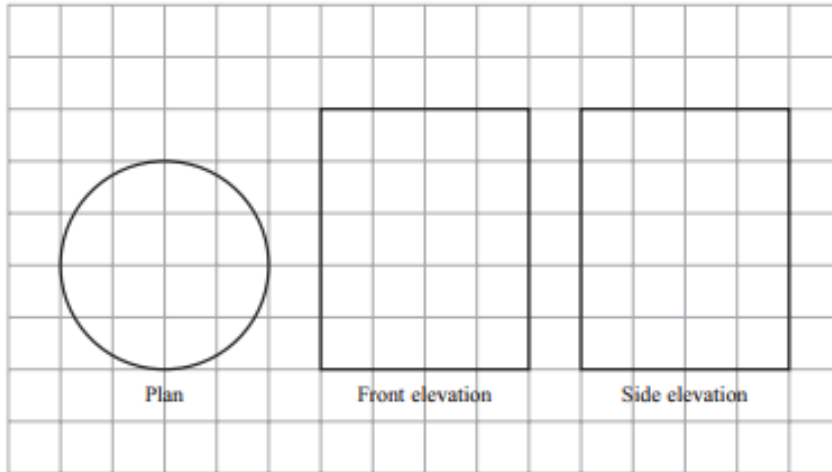


PLANS AND ELEVATIONS

Pearson Edexcel - Tuesday 21 May 2019 - Paper 1 (Non-Calculator) Higher Tier

1.

- 4 The diagram shows the plan, front elevation and side elevation of a solid shape, drawn on a centimetre grid.



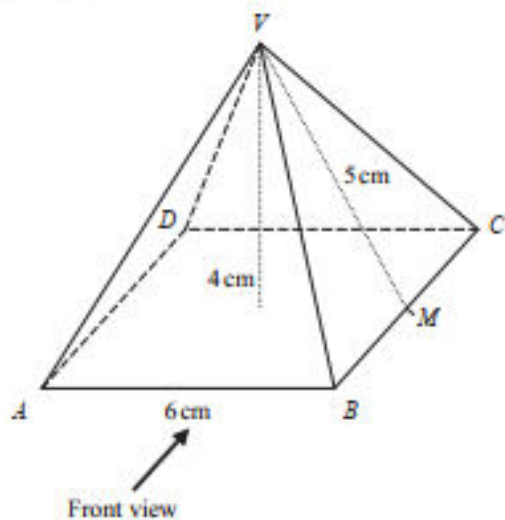
In the space below, draw a sketch of the solid shape.
Give the dimensions of the solid on your sketch.

(Total for Question 4 is 2 marks)

Pearson Edexcel - Thursday 24 May 2018 - Paper 1 (Non-Calculator) Higher Tier

2.

- 5 Here is a solid square-based pyramid, $VABCD$.



The base of the pyramid is a square of side 6 cm .
The height of the pyramid is 4 cm .
 M is the midpoint of BC and $VM = 5\text{ cm}$.

- (a) Draw an accurate front elevation of the pyramid from the direction of the arrow.



(2)

(b) Work out the total surface area of the pyramid.

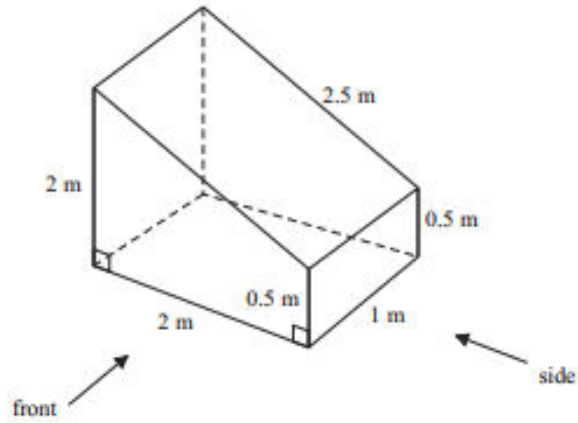
(4)

(Total for Question 5 is 6 marks)

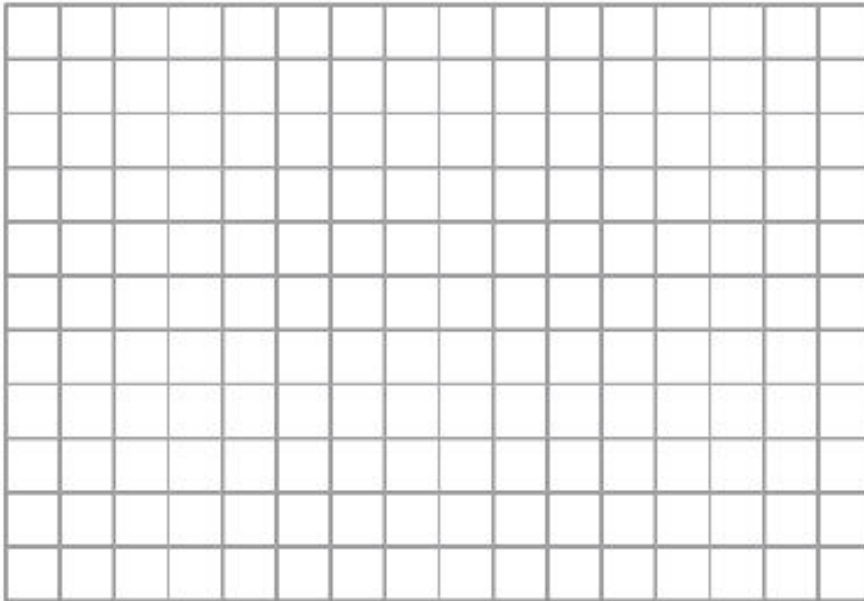
Pearson Edexcel - Thursday 8 June 2017 - Paper 2 (Calculator) Higher Tier

3.

3 The diagram shows a prism with a cross section in the shape of a trapezium.

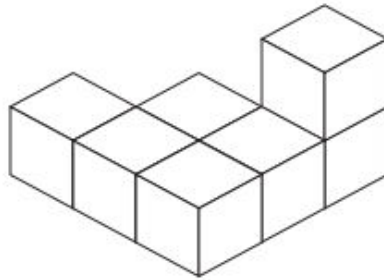


On the centimetre grid below, draw the front elevation and the side elevation of the prism. Use a scale of 2 cm to 1 m.

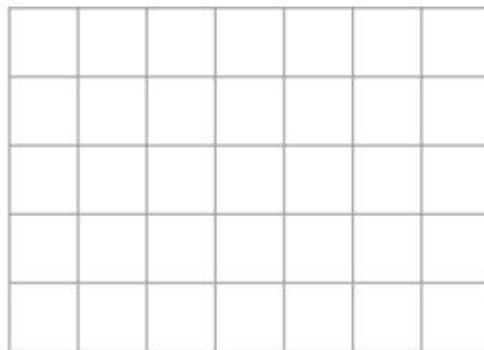


(Total for Question 3 is 4 marks)

2 The diagram represents a solid made from seven centimetre cubes.

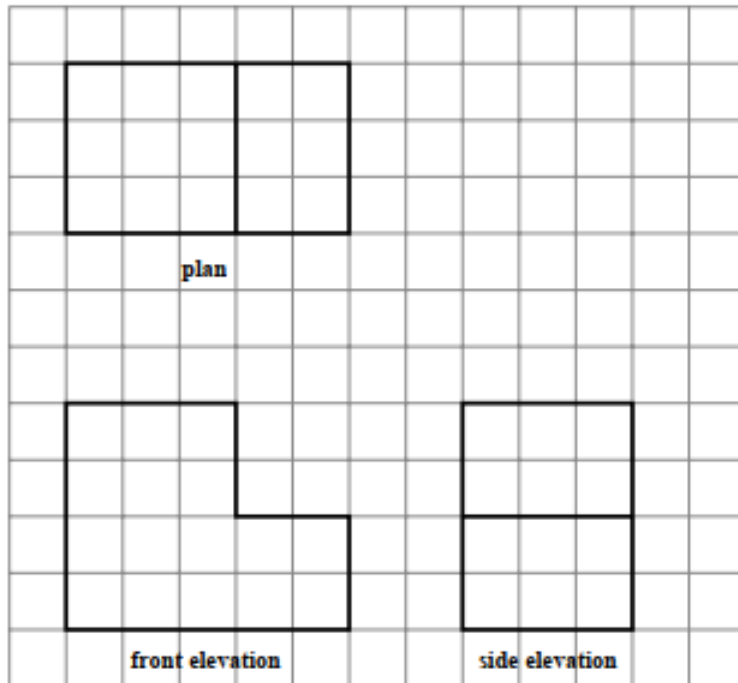


On the centimetre grid below, draw a plan of the solid.



(Total for Question 2 is 2 marks)

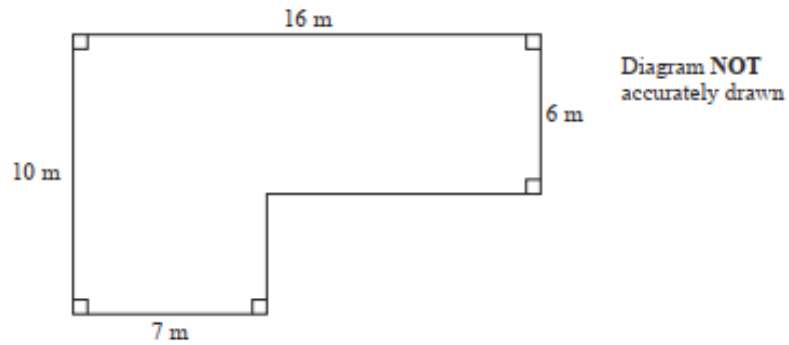
6 The plan, front elevation and side elevation of a solid prism are drawn on a centimetre grid.



In the space below, draw a sketch of the solid prism.
Write the dimensions of the prism on your sketch.

(Total for Question 6 is 2 marks)

*7 The diagram shows the plan of a small field.

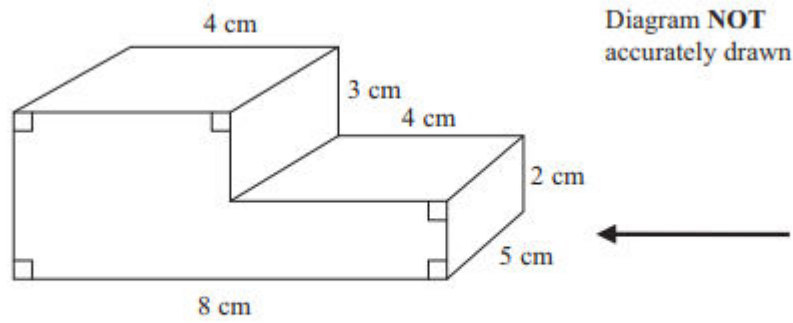


Kevin is going to keep some pigs in the field.
Each pig needs an area of 36 square metres.

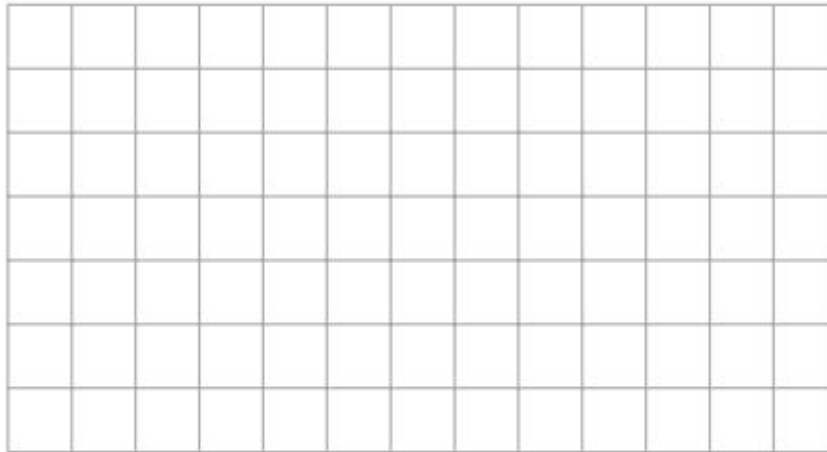
Work out the greatest number of pigs Kevin can keep in the field.

(Total for Question 7 is 4 marks)

4 The diagram shows a solid prism.

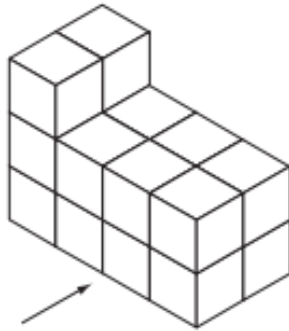


On the centimetre square grid, draw the side elevation of the solid prism from the direction shown by the arrow.



(Total for Question 4 is 2 marks)

14. The diagram shows a solid prism made from centimetre cubes.

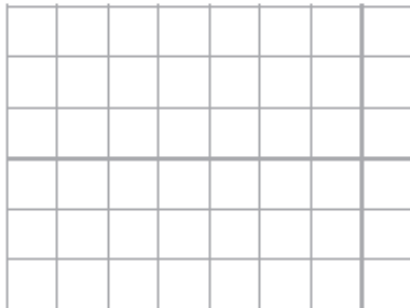


(a) On the centimetre square grid, draw the front elevation of the solid prism from the direction shown by the arrow.



(2)

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



(2)

(Total 4 marks)

13. The diagram shows a solid prism.

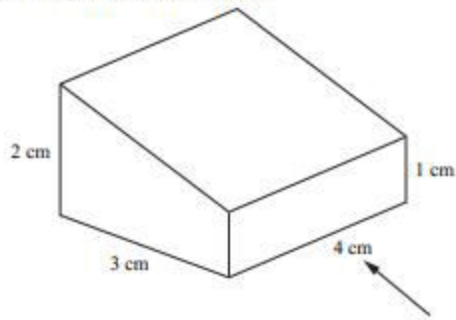
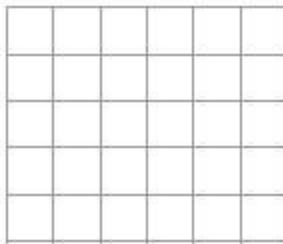


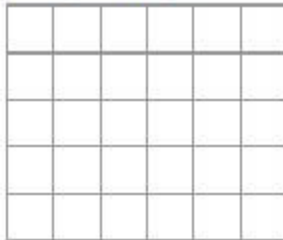
Diagram **NOT** accurately drawn

(a) On the grid below, draw the front elevation of the prism from the direction of the arrow.



(2)

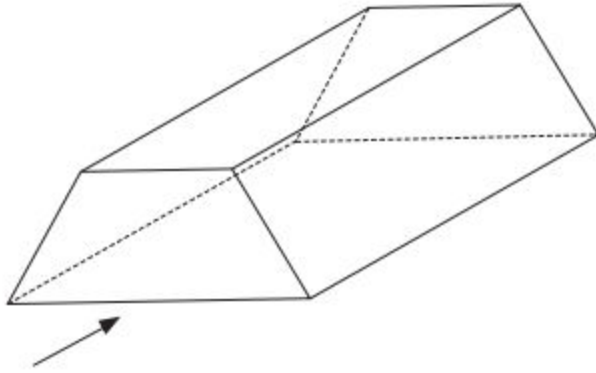
(b) On the grid below, draw the plan of the prism.



(2)

(Total 4 marks)

5.



The diagram shows a prism.

(a) On the diagram, draw in **one** plane of symmetry for the prism.

(2)

(b) In the space below, sketch the front elevation from the direction marked with an arrow.

(2)

(Total 4 marks)

11.