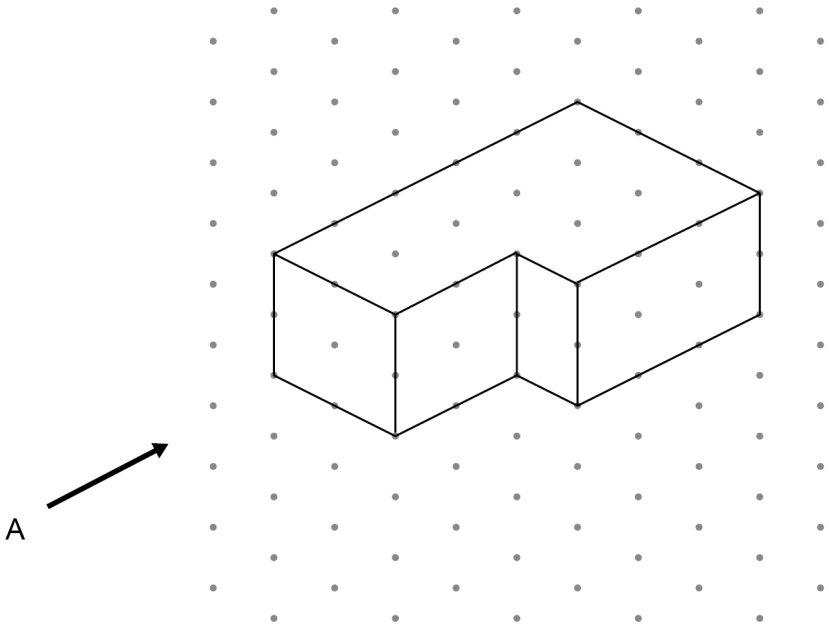
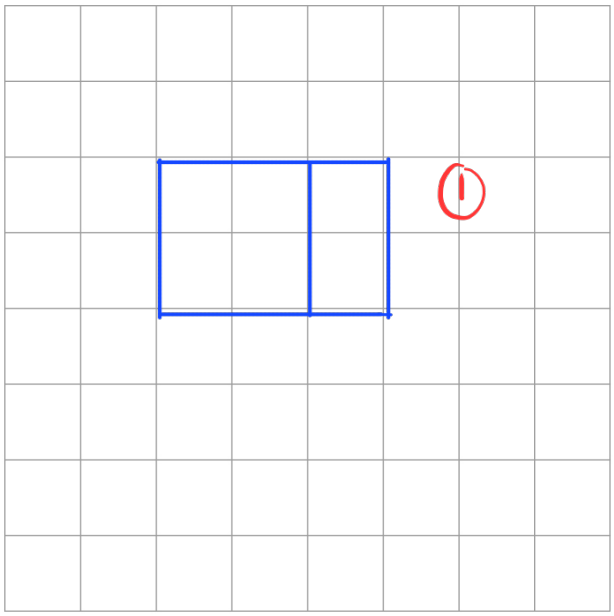
1 A solid shape is drawn on isometric paper.



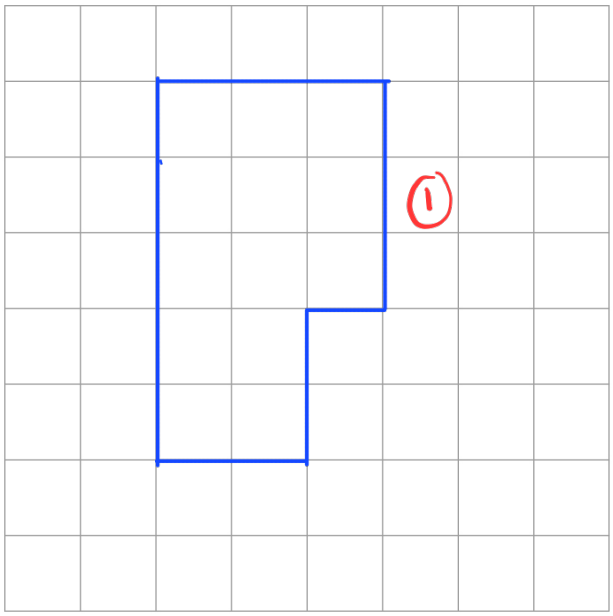
1 (a) On the centimetre grid, draw the elevation of the shape from A.

[1 mark]



1 (b) On the centimetre grid, draw a plan of the shape.

[1 mark]

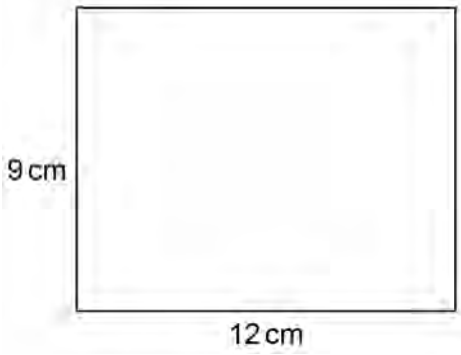


2 A solid shape is made from centimetre cubes.

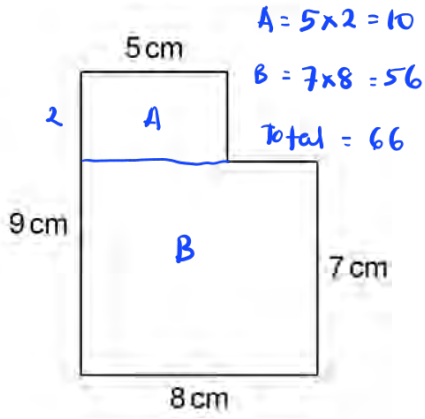
The front elevation and side elevation of the shape are shown.

Not drawn accurately

Front elevation



Side elevation



Work out

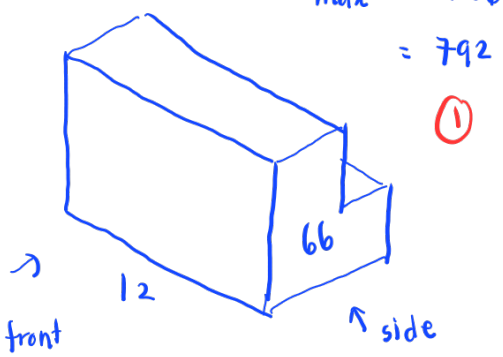
the **maximum** possible number of cubes in the shape

and

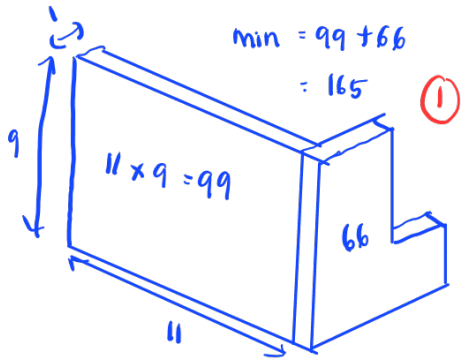
the **minimum** possible number of cubes in the shape.

[3 marks]

Maximum :



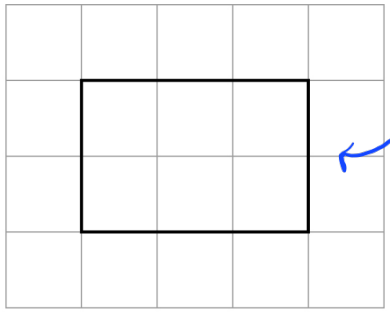
Minimum :



Maximum 792 (1) Minimum 165 (1)

3 The front elevation of a cuboid is shown on this centimetre grid.

Front elevation



The volume of the cuboid is $42\,cm^3$

$\frac{42\ cm^3}{6\ cm^2} = 7\ cm$ (width)

Draw the **side elevation** on this centimetre grid.

[2 marks]

Side elevation