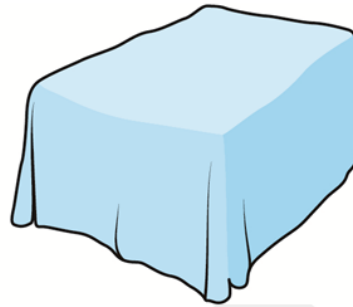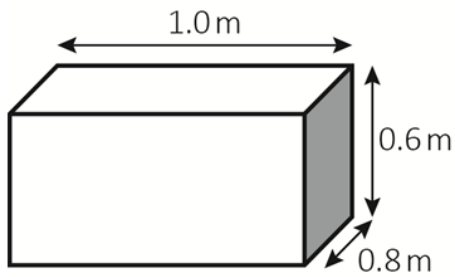**Non-calculator Questions**

NCFE

1.

Sheba also goes to Joti's shop.

She is knitting a rectangular cover for a large storage box.

Calculate the length and width of the cover required to cover the box, as shown in the diagram.

[2 marks]

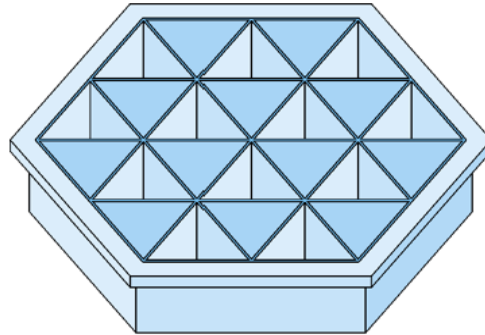Your answer: **m**

Calculator Questions

NCFE

1.

In the science lab, Tom finds this mould for making 24 triangular prisms of ice.
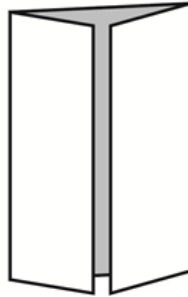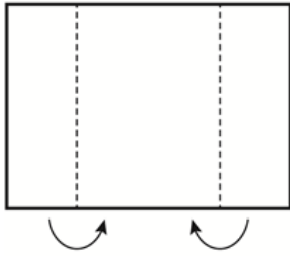

Mould

Draw a triangular prism.

[1 mark]

2.

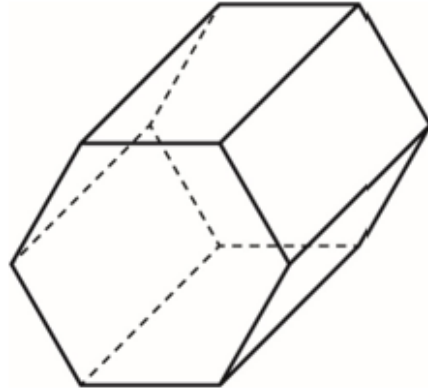Another leaflet is folded like this.

What is the maximum number of printed pages the leaflet can have?

[1 mark]

Your answer:

3.

This prism represents a gas valve:

The end faces of the valve are hexagonal.

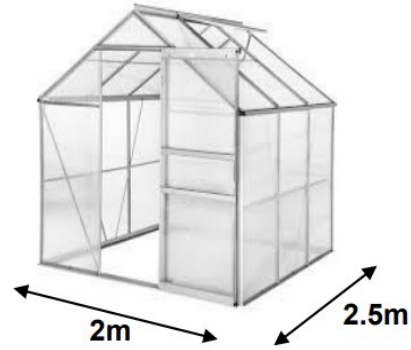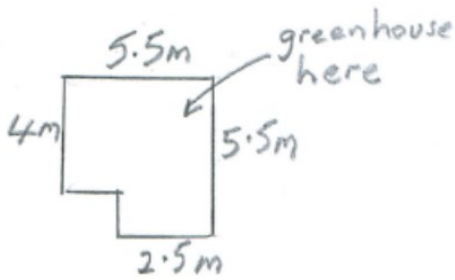What is the shape of the side faces of the gas valve?

[1 mark]

Your answer:

City & Guilds

4.

A gardener wants to build this greenhouse in the top right hand corner of her garden.

This is a sketch plan of her garden.

5.5m   greenhouse
              here

4m   5.5m

2.5m

2m   2.5m

She will leave a 50cm space between the greenhouse and the edge of the garden.

She wants a scaled plan of the garden showing the position of the greenhouse.

Draw a scale plan. Put the scale you use on the plan.