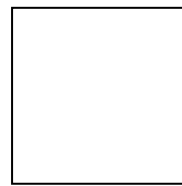
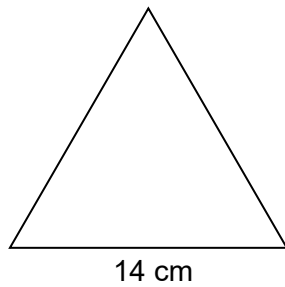


Topic Test 1 (20 minutes)

Perimeter and Area - Foundation

- 1 The diagram shows an equilateral triangle and a square.
Each side of the triangle is 14 cm



Not drawn accurately

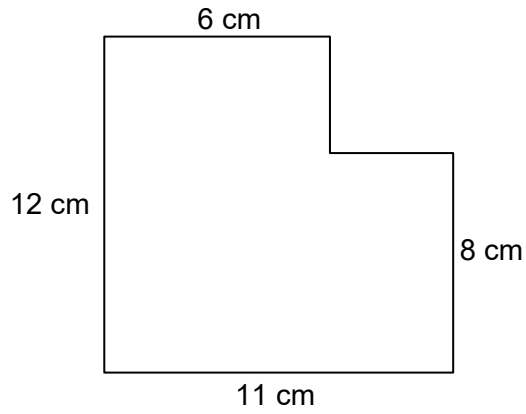
The perimeter of the triangle is equal to the perimeter of the square.

Work out the length of a side of the square.

[3 marks]

Answer _____ cm

2 This shape is made from rectangles.



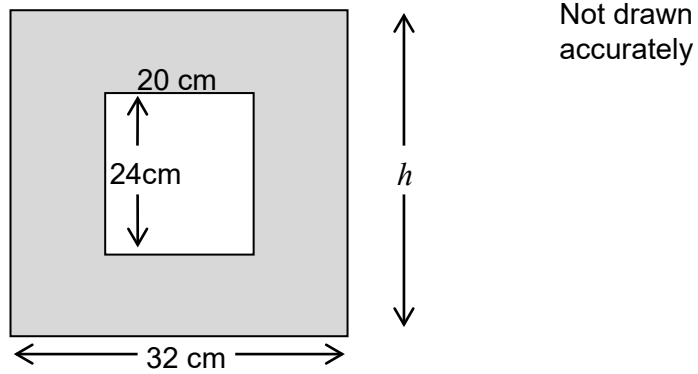
Not drawn accurately

Work out the area of the shape.

[4 marks]

Answer _____ cm²

3 The diagram shows a rectangular mirror inside a rectangular frame.



The frame is the same width all the way around.

3 (a) Work out h , the overall height of the frame.

[3 marks]

Answer _____ cm

3 (b) Work out the shaded area.

[3 marks]

Answer _____ cm^2

5 (a) Circle the number of vertices of a triangular prism.

[1 mark]

4

5

6

9

5 (b) Circle the number of edges of a square based pyramid

[1 mark]

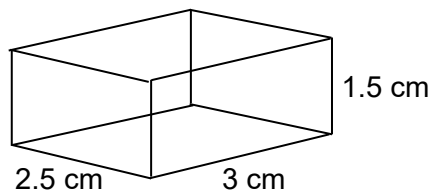
4

5

8

10

6 A framework in the form of a cuboid is made from wire.



Work out the total length of wire used.

[2 marks]

Answer _____ cm