

1

Circle the letters that have parallel lines.



A



X

L

1 mark

2

Circle the letters that have perpendicular lines.

V



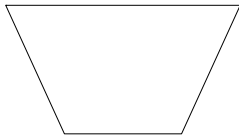
U

N

1 mark

3

Name the quadrilaterals below.



trapezium

1 mark



parallelogram

1 mark

4

Draw lines to match the types of triangle with their descriptions below.

Scalene

Three equal sides and three equal angles

Equilateral

Two equal sides and two equal angles

Isosceles

All sides and angles are different

2 marks

5

Draw lines to match the types of quadrilateral with their descriptions below.

Kite

Four equal sides, two pairs of equal angles

Rectangle

Two pairs of equal sides, four equal angles

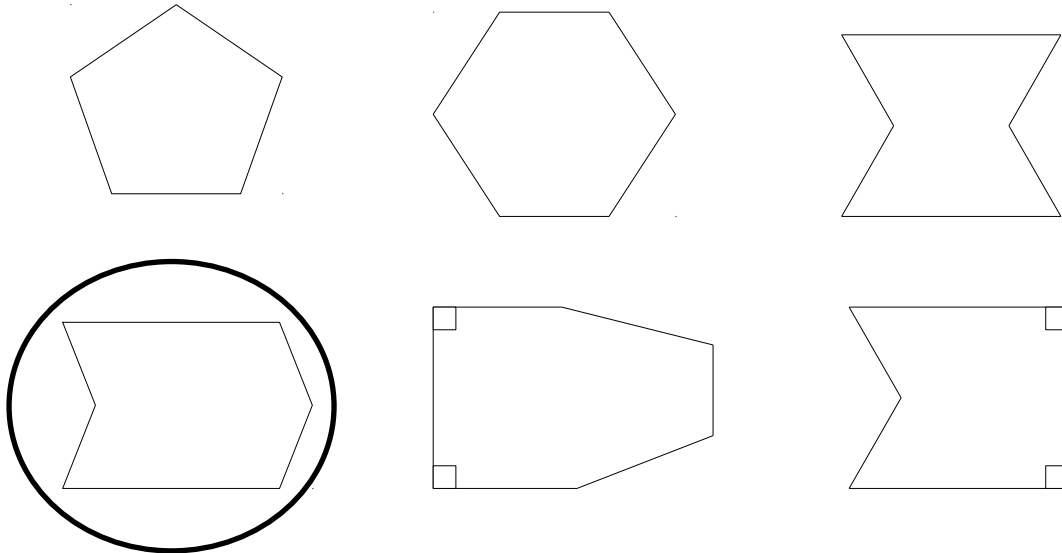
Rhombus

Two pairs of equal sides, two equal angles

2 marks

6

Circle the **hexagon** with exactly 2 **acute** angles.



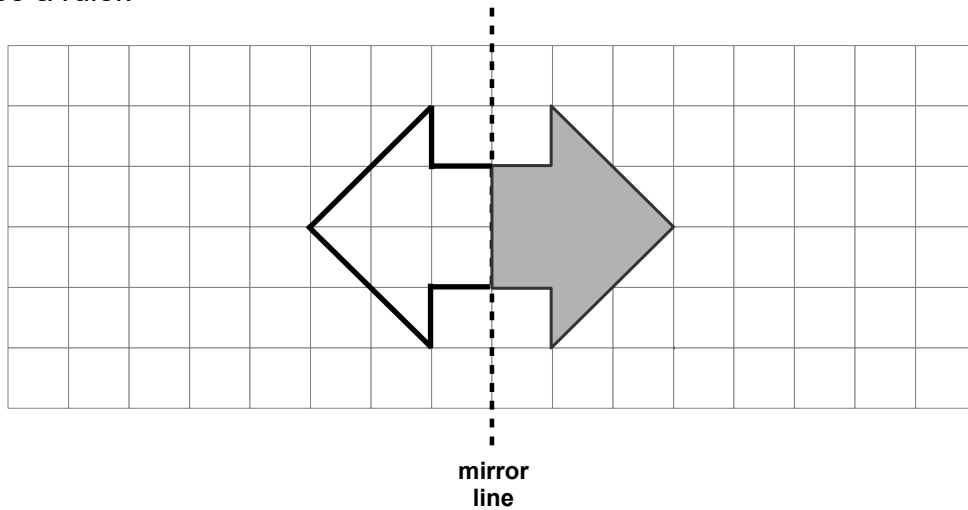
1 mark

7

Here is a shape on a grid.

Complete the design so it is symmetrical about the mirror line.

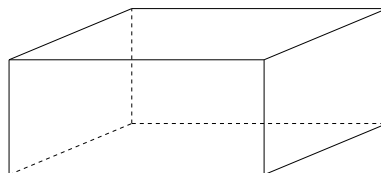
Use a ruler.



2 marks

8

Here is a drawing of a 3-D shape.



Complete the table.

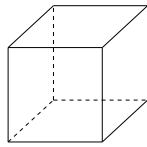
| Number of faces | Number of vertices | Number of edges |
|-----------------|--------------------|-----------------|
| 6 | 8 | 12 |

2 marks

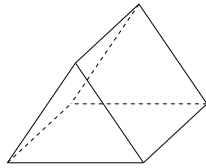
9

Here are diagrams of some 3-D shapes.

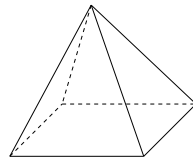
Tick the shapes that have the same number of faces as vertices.



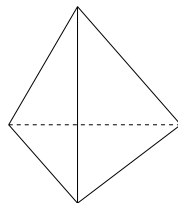
Cube



Triangular Prism



Square Based Pyramid

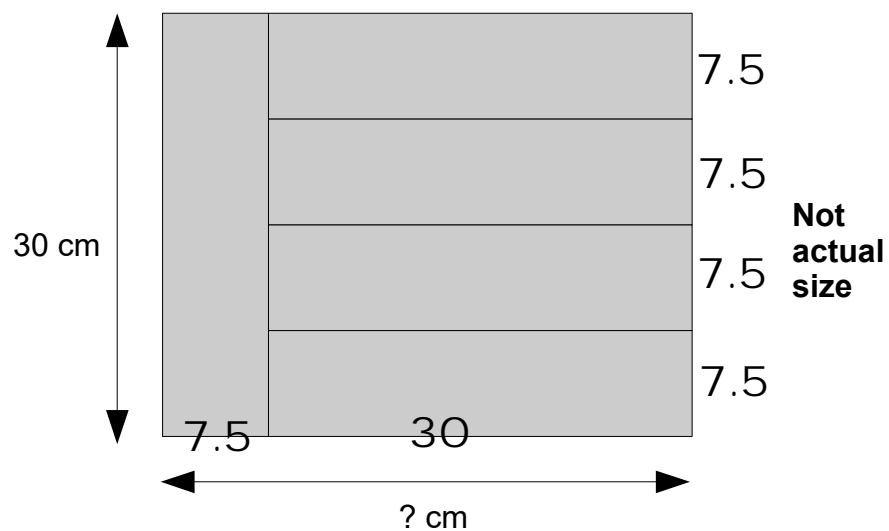


Triangle Based Pyramid

2 marks

10

Five identical rectangles are arranged in a pattern.

Calculate the **length** of the pattern.

$$30 \div 4 = 7.5$$

$$30 + 7.5 = 37.5$$

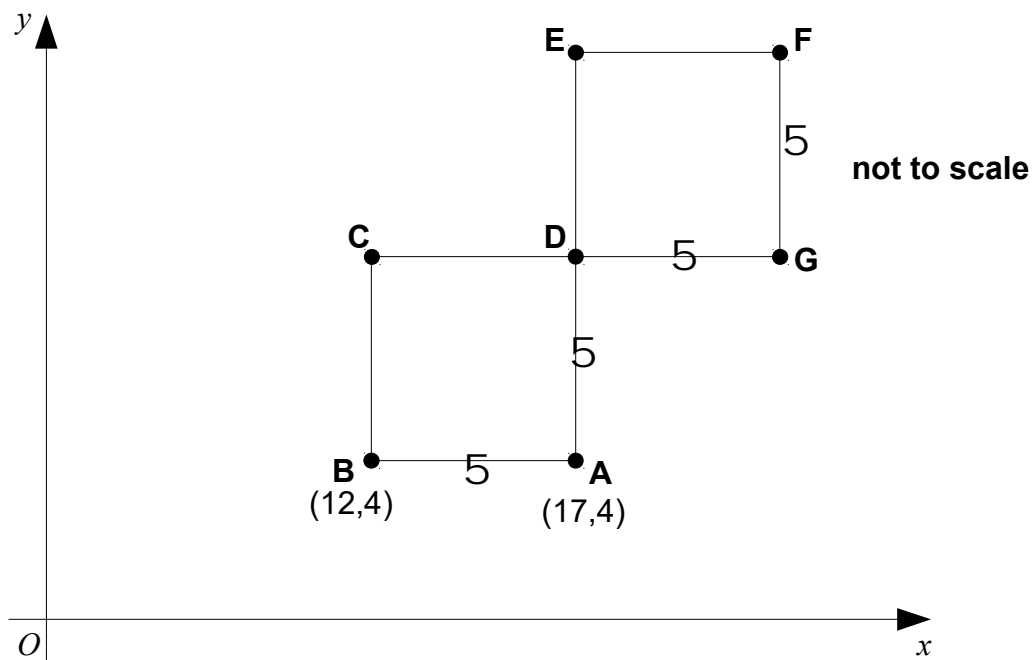
37.5 cm

1 mark

11

ABCD and DEFG are identical squares on coordinate axis.

The sides of the squares are parallel to the axis.



What are the coordinates of **D** and **F**?

D is $(17, 9)$

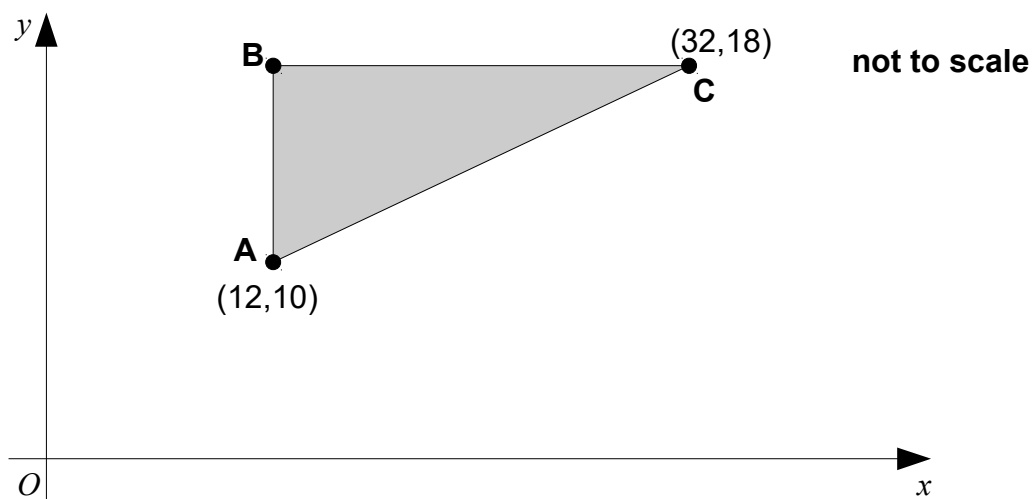
1 mark

F is $(22, 14)$

1 mark

12

ABC is a right-angled triangle on coordinate axis.



What are the coordinates of **B**?

$(12, 18)$

1 mark