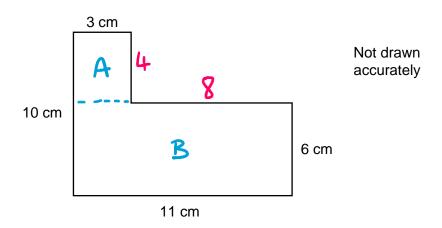


Compound Shapes



REVISE THIS TOPIC

1 Here is a shape made from rectangles.



[2 marks]

Answer 42 cm

[3 marks]

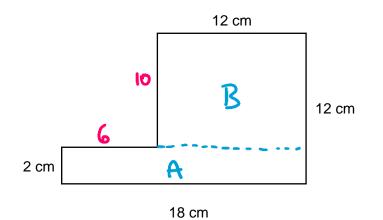
A:
$$3 \times 4 = 12 \text{ cm}^2$$

1st

Answer

cm²

2 Here is a shape made from rectangles.



2 (a) Work out the perimeter of the shape

[2 marks]

Not drawn accurately

Answer _____cm

2 (b) Work out the area of the shape

[3 marks]

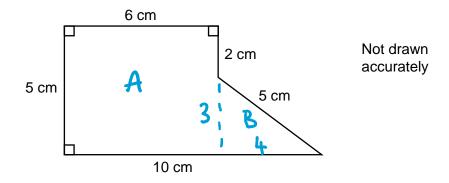
A:
$$2 \times 18 = 36 \text{ cm}^2$$

Answer 156 cm²





3 Here is a pentagon.



3 (a) Work out the perimeter of the pentagon.

[2 marks]

$$5+6+2+5+10=28$$

Answer 28 cm

3 (b) Work out the area of the pentagon.

[3 marks]

$$30 + 6 = 36$$

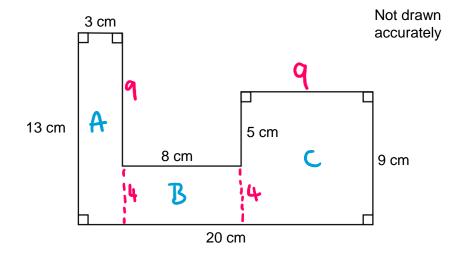
Answer cm²



10

Turn over ▶

4 Here is a shape made from rectangles.



4 (a) Work out the perimeter of the shape.

[3 marks]

Answer ______cm

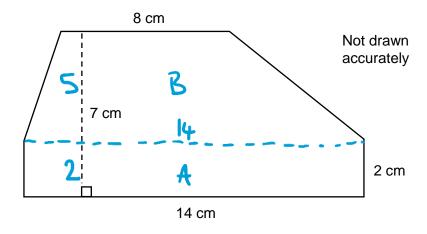
4 (b) Work out the area of the shape.

[4 marks]

B: 8x4= 32an2

C: 9 x 9 = 81 cm2

 5 Here is a shape made from a trapezium and a rectangle.



Work out the area of the shape.

[4 marks]

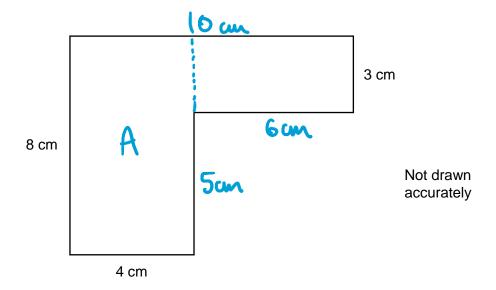
$$A: 14 \times 2 = 28 \text{ cm}^2$$
 $B: \frac{1}{2}(14+8) \times 5 = 55 \text{ cm}^2$

Answer cm²



Turn over ▶

6 Here is a shape made from rectangles.



The area of the shape is 50 cm² Work out the perimeter of the shape.

[5 marks]

$$18 \div 3 = 6$$

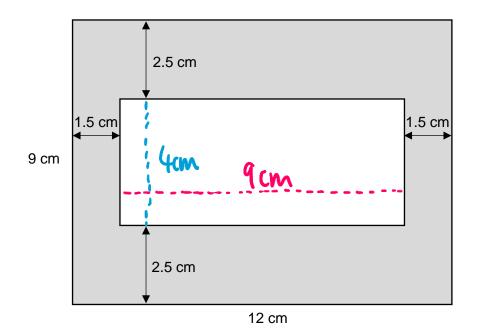
$$8+4+5+6+3+10=36$$

Answer _____cm





7 A rectangular hole is cut from a larger rectangle.



Work out the area of shaded region.

[4 marks]

$$9-2.5-2.5=4$$
 $12-1.5-1.5=9$

$$12 \times 9 = 108$$
 $108 - 36 = 72$ $9 \times 4 = 36$

Answer 72 cm²

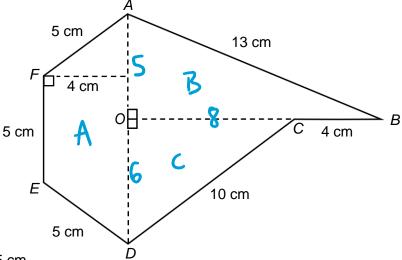


Turn over ▶

8



8 ABCDEF is a hexagon made from two right angled triangles and a trapezium.



AO = 5 cm

AD = 11 cm

OC = 8 cm

8 (a) Work out the perimeter of the hexagon.

[2 marks]

Answer 42 cm

8 (b) Work out the area of the hexagon.

[4 marks]

A:
$$\frac{1}{2}(5+11)\times 4 = 32 \text{ cm}^2$$

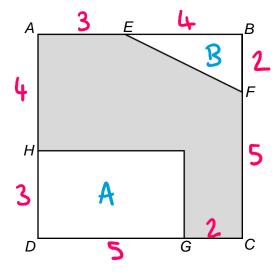
B: $\frac{1}{2}\times 5\times 8 = 20 \text{ cm}^2$

C: $\frac{1}{2}\times 6\times 8 = 24 \text{ cm}^2$

Answer ______ cm²



9 ABCD is a square.



$$GC = 2cm$$

$$AE = 3cm$$

$$EB = AH = 4 \text{ cm}$$

$$FC = 5 \text{cm}$$

Work out the area of shaded region.

[5 marks]

Answer 30 cm²



www.1stclassmaths.com