



# Compound Shapes



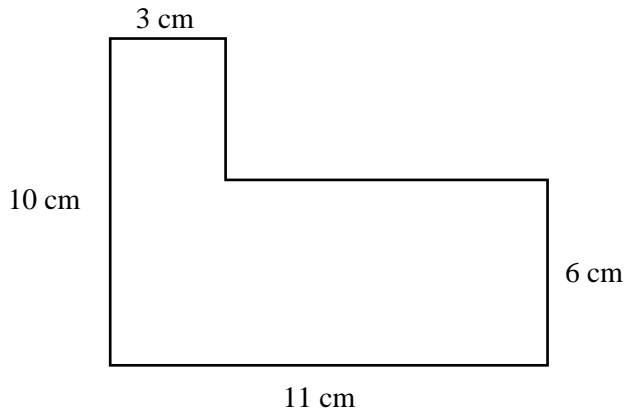
SCAN ME

REVISE THIS TOPIC

CHECK YOUR ANSWERS

SCAN ME

1 A shape is made from two rectangles.



(a) Work out the perimeter of the shape.

..... cm  
(2)

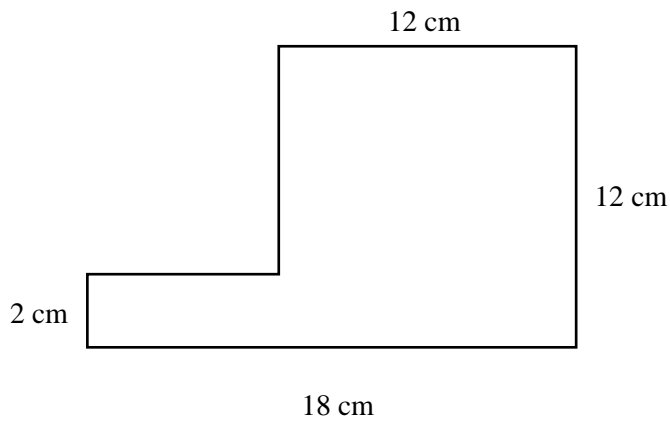
(b) Work out the area of the shape.

..... cm<sup>2</sup>  
(3)

(Total for Question 1 is 5 marks)



2 A shape is made from two rectangles.



(a) Work out the perimeter of the shape.

..... cm  
(2)

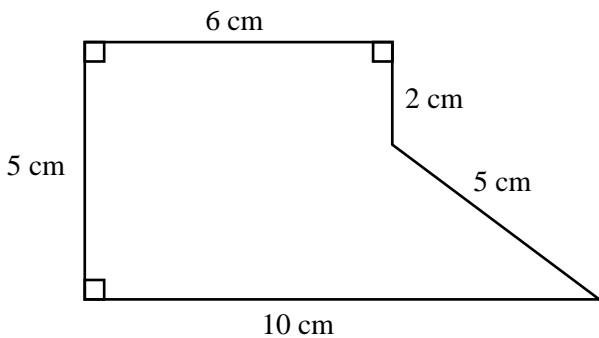
(b) Work out the area of the shape.

..... cm<sup>2</sup>  
(3)

(Total for Question 2 is 5 marks)



3 Here is a pentagon.



(a) Work out the perimeter of the pentagon.

..... cm  
(2)

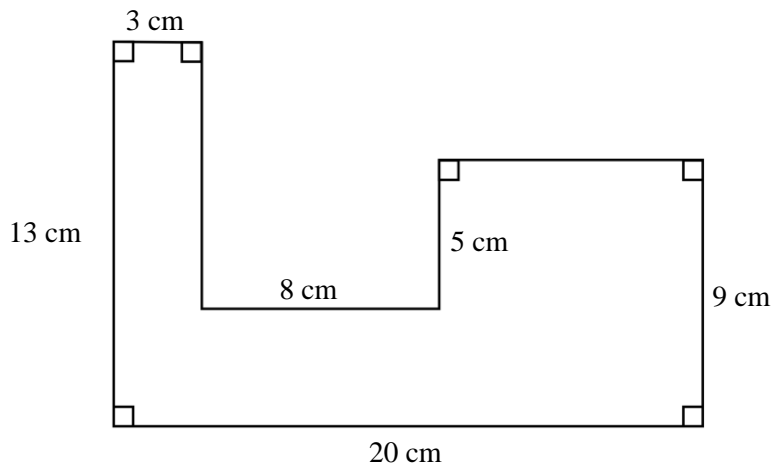
(b) Work out the area of the pentagon.

..... cm<sup>2</sup>  
(3)

(Total for Question 3 is 5 marks)



4 A shape is made from three rectangles.



(a) Work out the perimeter of the shape.

..... cm  
(3)

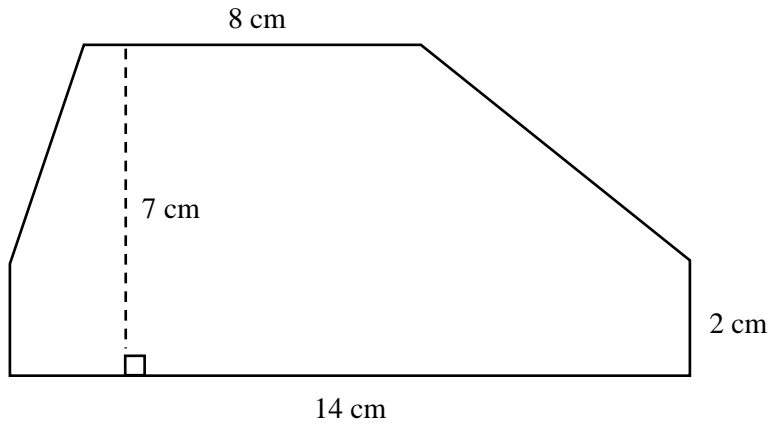
(b) Work out the area of the shape.

..... cm<sup>2</sup>  
(4)

(Total for Question 4 is 7 marks)



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



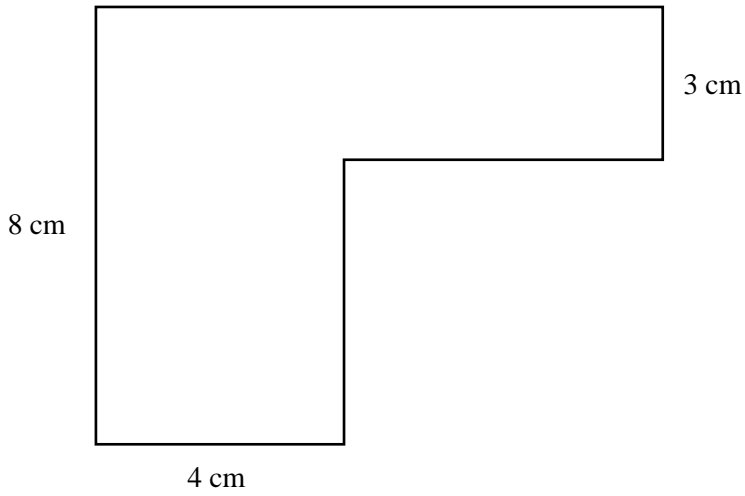
Work out the area of the shape.

..... cm<sup>2</sup>

(Total for Question 5 is 4 marks)



6 A shape is made from rectangles.



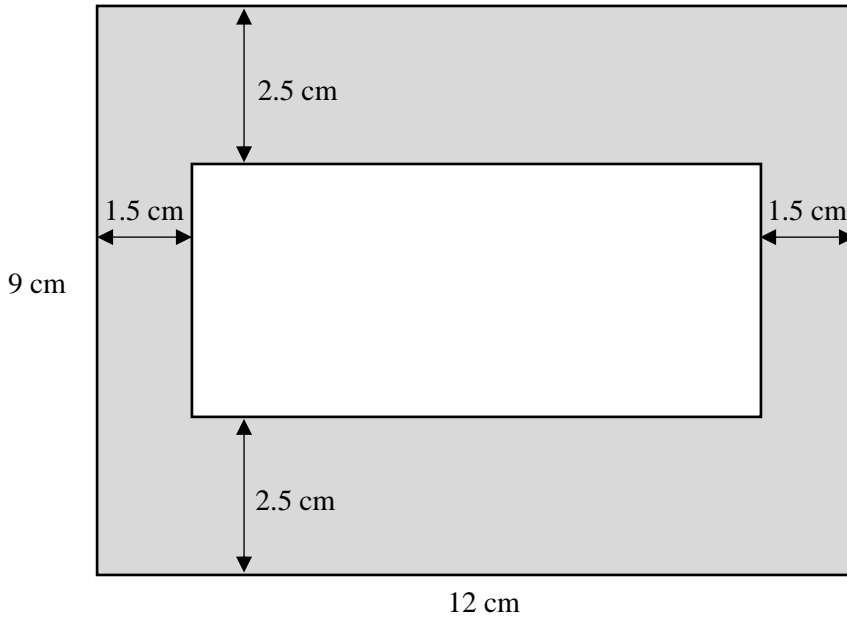
The area of the shape is  $50 \text{ cm}^2$   
Work out the perimeter of the shape.

..... cm

(Total for Question 6 is 5 marks)



7 A rectangular hole is cut from a larger rectangle.

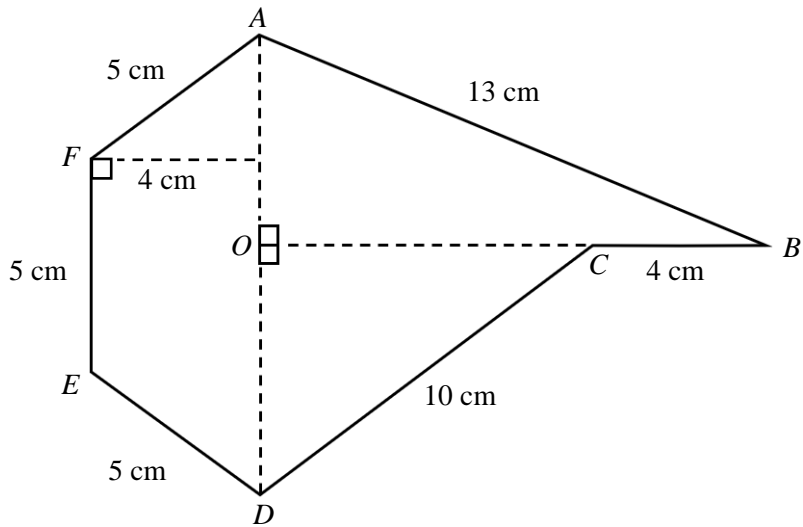


Work out the area of the shaded region.

..... cm<sup>2</sup>  
 (Total for Question 7 is 4 marks)



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



$AO = 5 \text{ cm}$   
 $AD = 11 \text{ cm}$   
 $OC = 8 \text{ cm}$

(a) Work out the perimeter of the shape.

.....cm

(2)

(b) Work out the area of the shape.

.....cm<sup>2</sup>

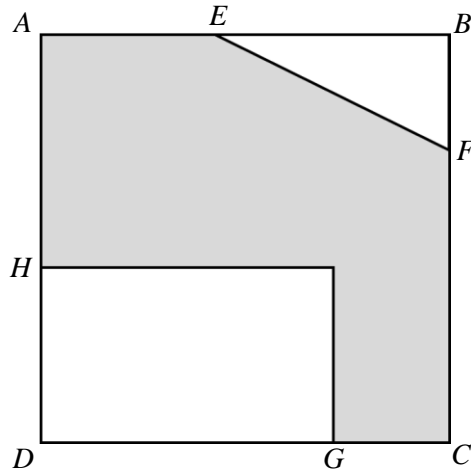
(4)

(Total for Question 8 is 6 marks)





9  $ABCD$  is a square.



$GC = 2\text{ cm}$       $AE = 3\text{ cm}$       $EB = AH = 4\text{ cm}$       $FC = 5\text{ cm}$

Work out the area of shaded region.

.....  $\text{cm}^2$

(Total for Question 9 is 5 marks)

