Single-topic practice questions

Key Stage 2

Mathematics

Area: triangles, rectangles & compound shapes

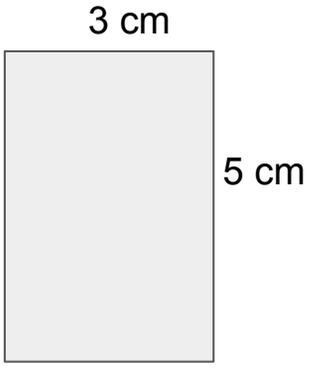
First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						
DFE number						

1 FInd the area of these rectangles.

DIAGRAMS NOT TO SCALE

l x w

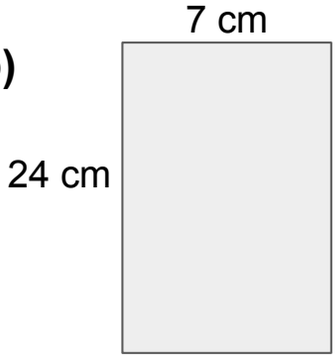
a)



cm²

1 mark

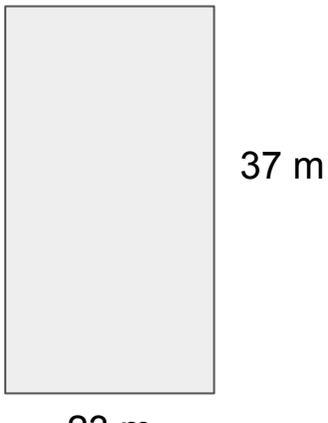
b)



cm²

1 mark

c)



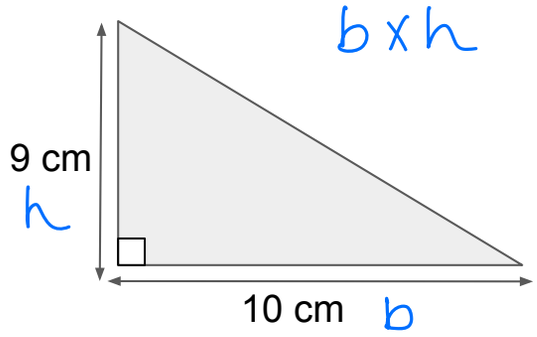
m²

1 mark

2 Find the **AREA** of these triangles.

DIAGRAMS NOT TO SCALE

a)

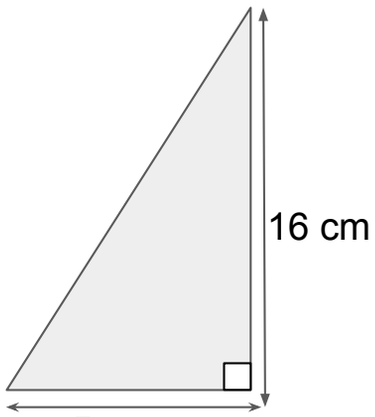


b x h

cm²

1 mark

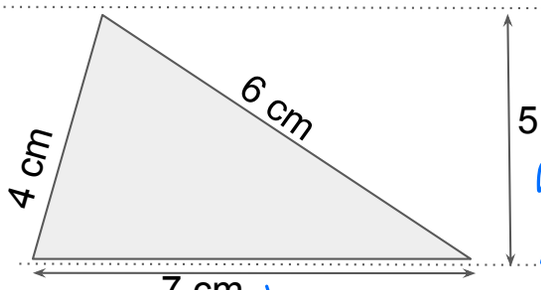
b)



cm²

1 mark

c)



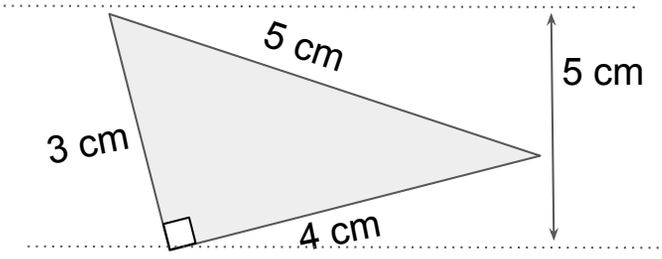
Area = $\frac{1}{2}$ x base x perpendicular height

Perpendicular height

cm²

1 mark

d)



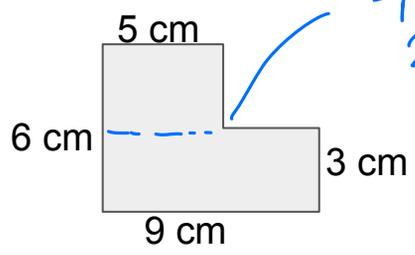
cm²

1 mark

3 Find the area of these **rectilinear** shapes.

DIAGRAMS NOT TO SCALE

a)

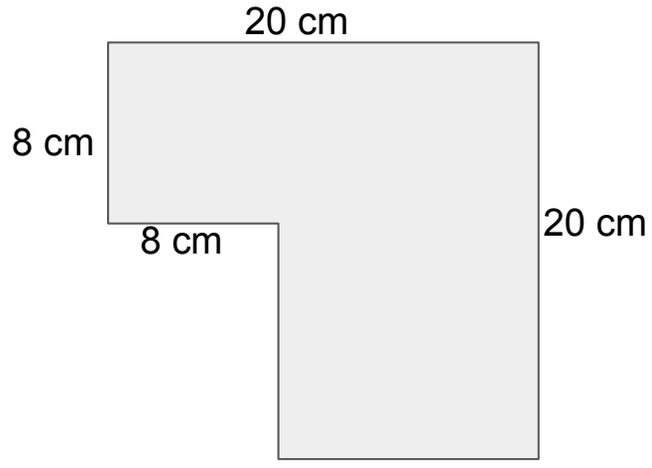


split into 2 shapes.

$\square$ **cm²**

2 marks

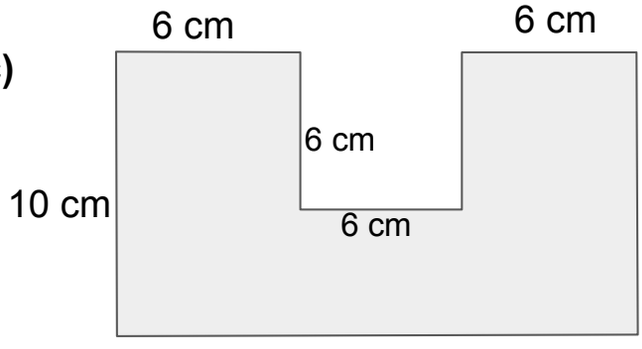
b)



$\square$ **cm²**

2 marks

c)



$\square$ **cm²**

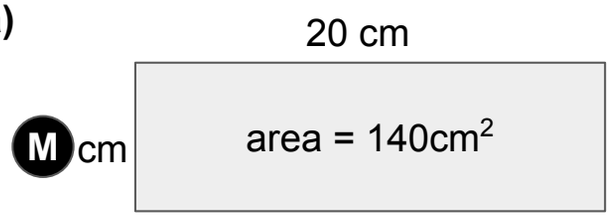
2 marks

4 In each shape, **M**, **A**, **T**, **H** and **S** represent either a length or an area.

Work out the value of each letter.

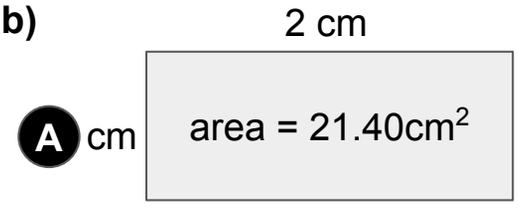
DIAGRAMS NOT TO SCALE

a)



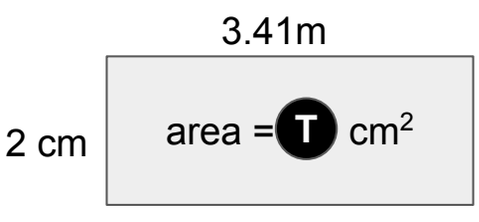
M = _____

b)



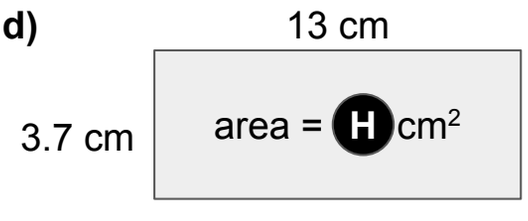
A = _____

c)



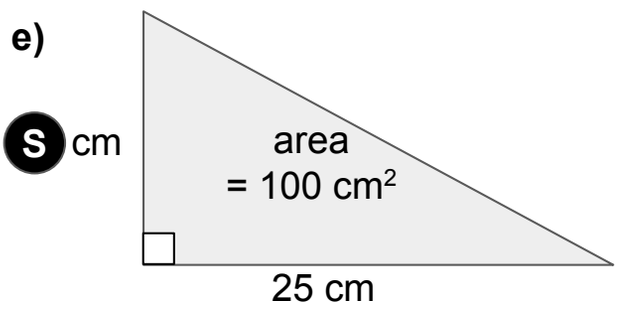
T = _____

d)



H = _____

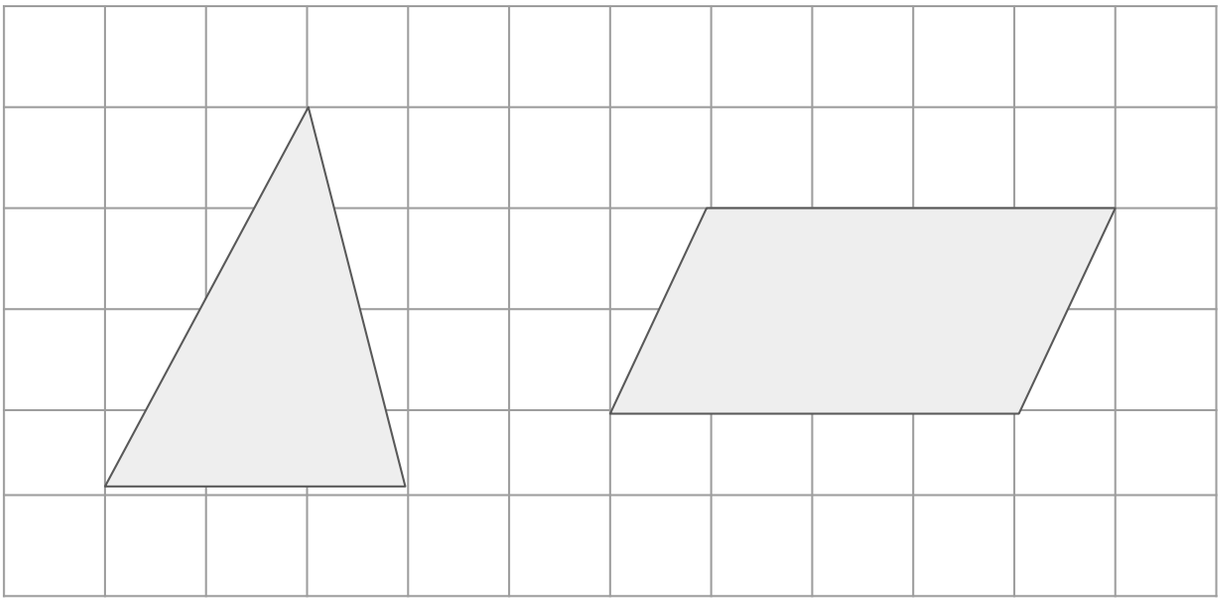
e)



S = _____

5 marks

5 A triangle and a parallelogram are drawn on a square grid.



Calculate the area of each shape (in squares).

a) Area of triangle: **squares**

b) Area of paralellogram: **squares**

4 marks