Area: triangles, rectangles & compound shapes

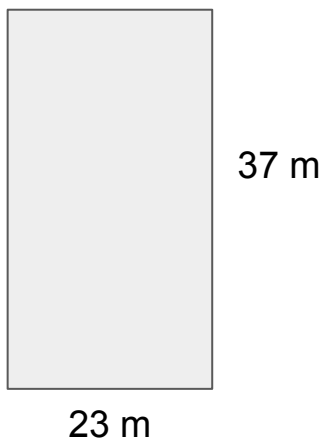| First name	
Middle name	
Last name	
Date of birth	Day _____ Month _____ Year _____
School name	
DFE number	

1

FInd the area of these rectangles.

a)

3 cm

5 cm

	cm²

1 mark

b)

7 cm

24 cm

	cm²

1 mark

c)

37 m

23 m

	m²
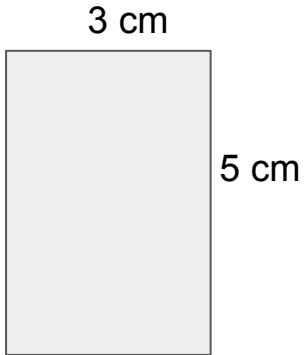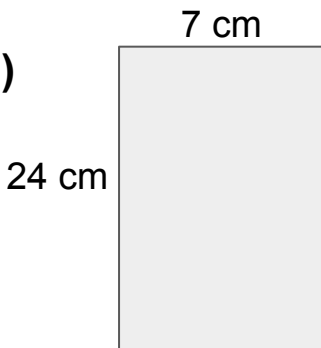
1 mark

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

DIAGRAMS NOT TO SCALE

a)

9 cm

10 cm

[ ] **cm²**

1 mark

b)

16 cm

5 cm

[ ] **cm²**

1 mark

c)

6 cm

4 cm

5 cm

7 cm

[ ] **cm²**

1 mark

d)

5 cm

3 cm

5 cm

4 cm
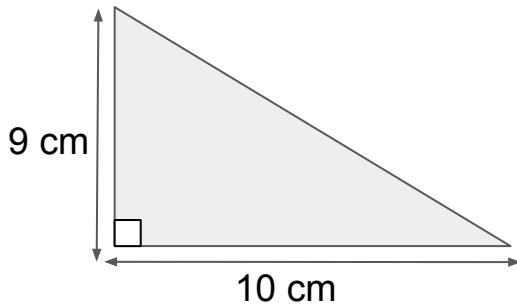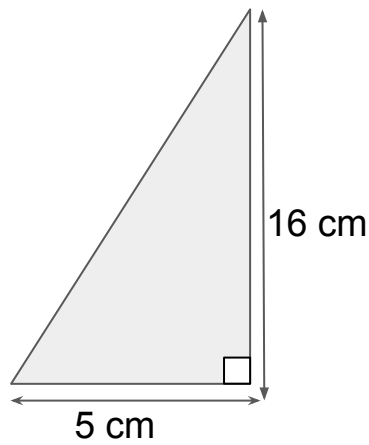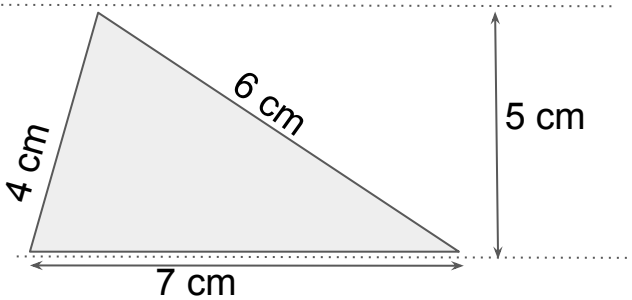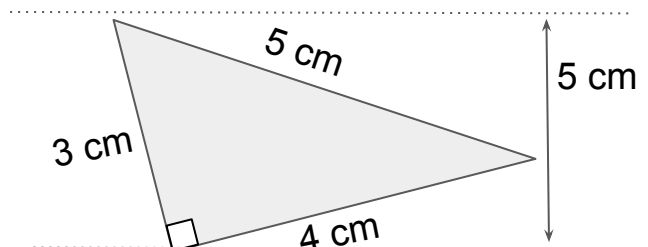
[ ] **cm²**

1 mark

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

DIAGRAMS NOT TO SCALE

a)

5 cm

6 cm

3 cm

9 cm

cm²

2 marks

b)

20 cm
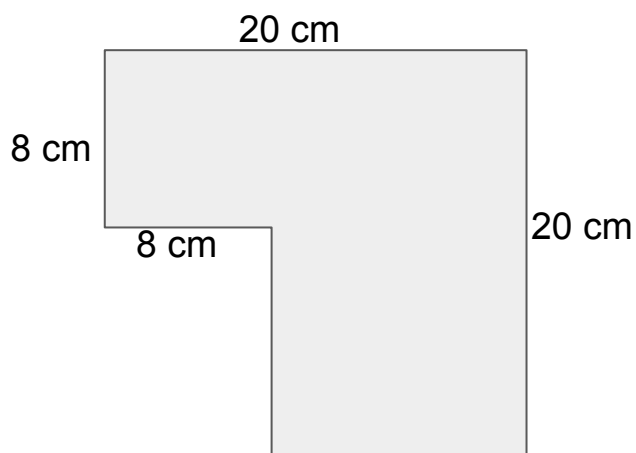
8 cm

8 cm

20 cm
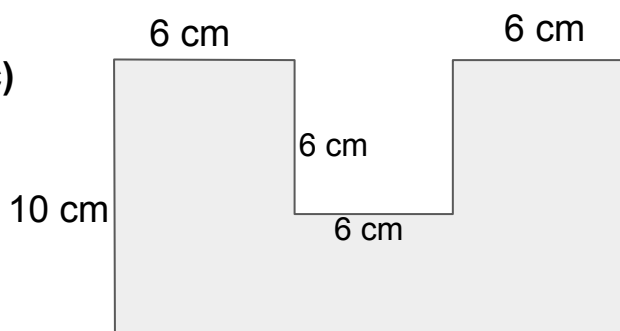
cm²

2 marks

c)

6 cm   6 cm

6 cm

10 cm

6 cm
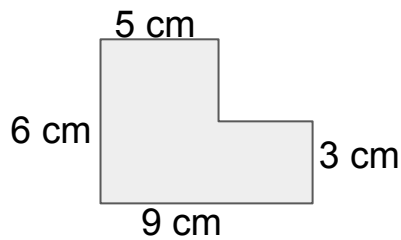
cm²

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)

20 cm

M cm   area = 140cm^2

M = _____

b)

2 cm

A cm   area = 21.40cm^2

A = _____

c)

3.41m

2 cm   area = **T** cm^2

T = _____

d)

13 cm

3.7 cm   area = **H** cm^2

H = _____
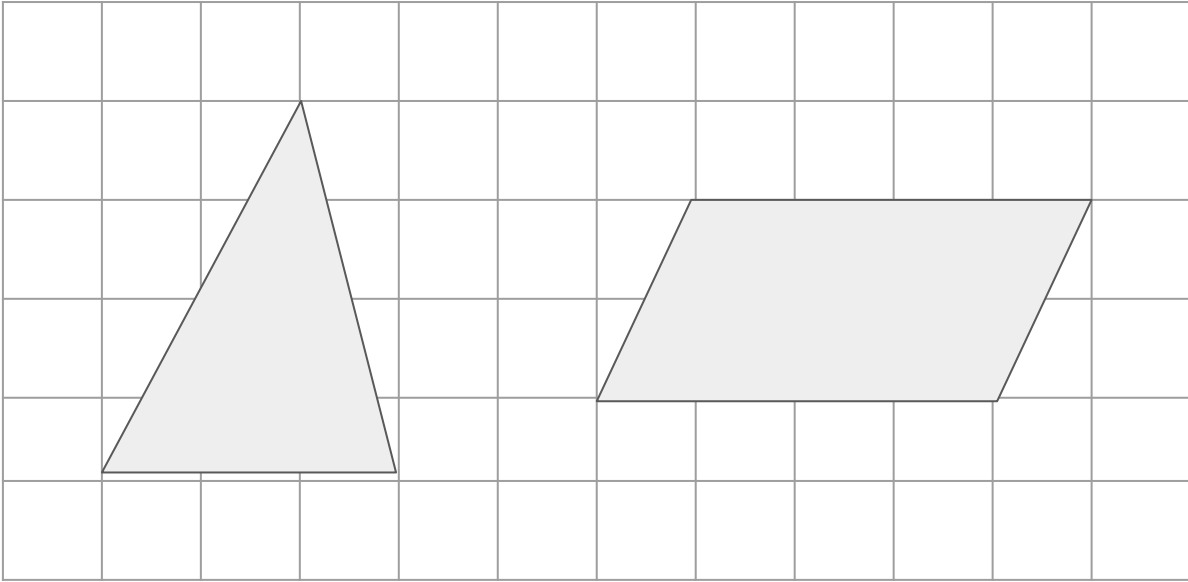
e)

S cm

area = 100 cm^2

25 cm

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**

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- **Length**
- **Area and perimeter**, and more.

The website also has *videos of me working through each paper*, so that once pupils have completed the paper they can get help with any questions that they got wrong, and watch a worked-example of how to solve it correctly!

I'd love to have your feedback, so if you have any requests for papers or questions, just let me know.

Thanks - Andrew Jeffrey

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