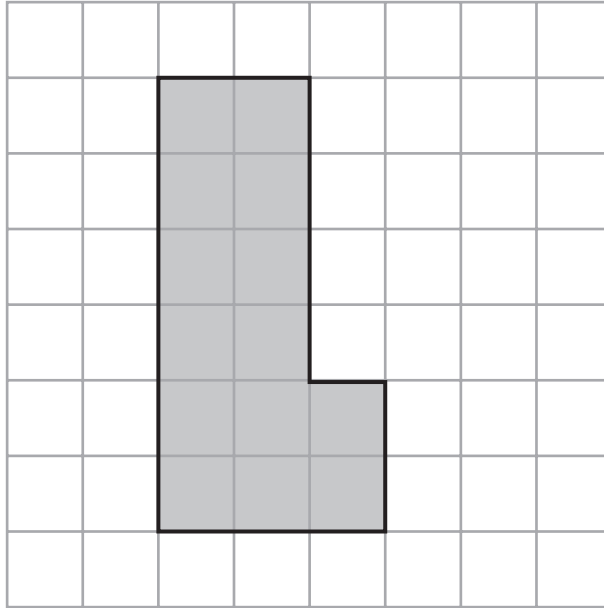


Area and Perimeter

6 The diagram shows a shape on a centimetre grid.



(a) Find the area of the shape.

..... cm²
(1)

(b) Find the perimeter of the shape.

..... cm
(1)

(Total for Question 6 is 2 marks)

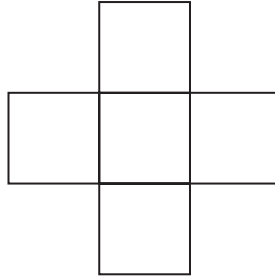
November 2024 Paper 2

10 Here is a square.



The square has a perimeter of 40 cm.

Five of these squares are used to make the shape below.



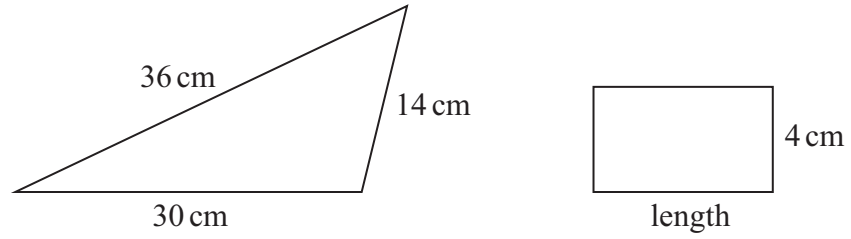
Work out the perimeter of this shape.

..... cm

(Total for Question 10 is 3 marks)

June 2024 Paper 1

12 The diagram shows a triangle and a rectangle.



The perimeter of the rectangle is a quarter of the perimeter of the triangle.

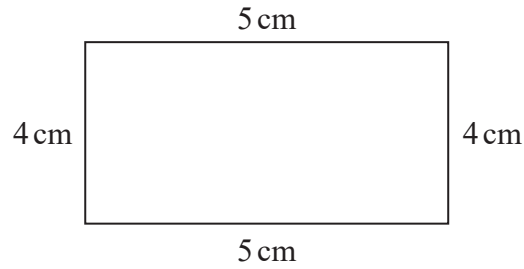
Work out the length of the rectangle.

..... cm

(Total for Question 12 is 4 marks)

November 2023 Paper 2

13 Milo is trying to find the area of this rectangle.



He writes,

“The area is 400 cm^2 because $5 \times 4 \times 5 \times 4 = 400$ ”

(a) Explain what is wrong with Milo’s method.

.....

.....

.....

(1)

Anya works out the area of a shape.

Her answer is 86 cm.

(b) Explain why her answer cannot be fully correct.

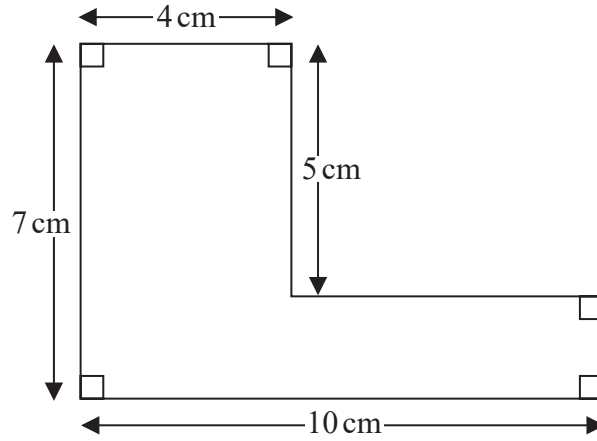
.....

.....

.....

(1)

(Total for Question 13 is 2 marks)



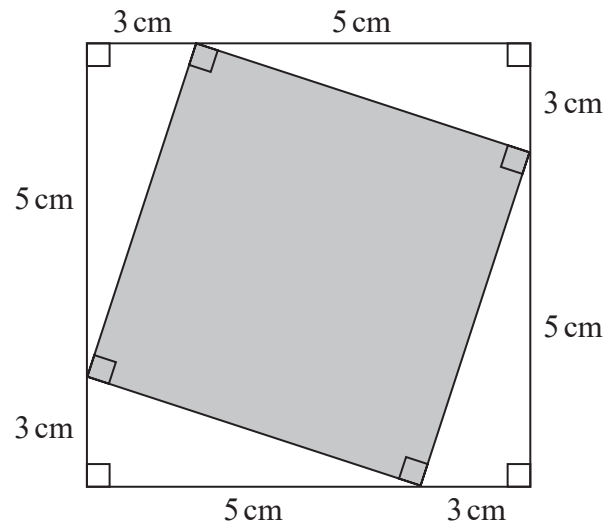
Work out the perimeter of this shape.

..... cm

(Total for Question 13 is 2 marks)

November 2021 Paper 3

19 This diagram shows two squares.

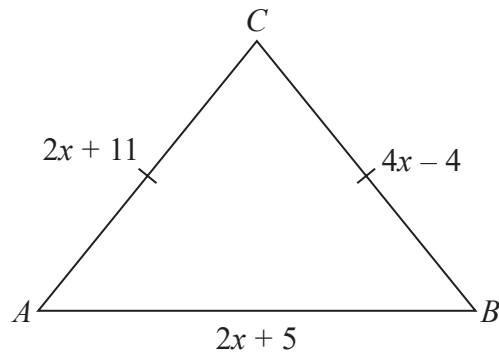


Work out the area of the square shown shaded in the diagram.

.....
(Total for Question 19 is 4 marks)

November 2024 Paper 2

26 The diagram shows triangle ABC .



In the diagram, all measurements are in centimetres.

$$AC = BC$$

The perimeter of the triangle is 72 cm.

Work out the area of the triangle.

..... cm^2

(Total for Question 26 is 5 marks)

June 2020 Paper 3

26 Maisie knows that she needs 3 kg of grass seed to make a rectangular lawn 5 m by 9 m.

Grass seed is sold in 2 kg boxes.

Maisie wants to make a rectangular lawn 10 m by 14 m.
She has 5 boxes of grass seed.

- (a) Has Maisie got enough grass seed to make a lawn 10 m by 14 m?
You must show all your working.

(4)

Maisie opens the 5 boxes of grass seed.

She finds that 4 of the boxes contain 2 kg of grass seed.
The other box contains 1 kg of grass seed.

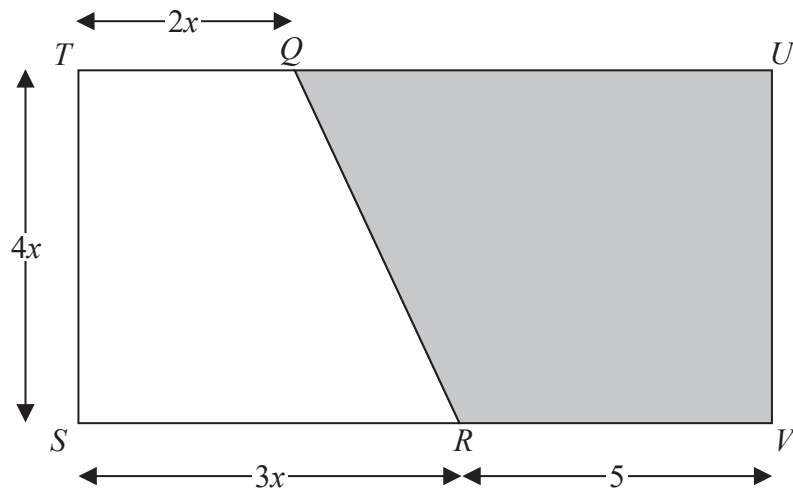
- (b) Does this affect whether Maisie has enough grass seed to make her lawn?
Give a reason for your answer.

(1)

(Total for Question 26 is 5 marks)

June 2022 Paper 3

- 28 The diagram shows rectangle $STUV$.
 TQU and SRV are straight lines.
All measurements are in cm.



The area of trapezium $QUVR$ is $A \text{ cm}^2$

Show that $A = 2x^2 + 20x$

(Total for Question 28 is 3 marks)