

Name: \_\_\_\_\_

Exam Style Questions

Area: On a Grid

Perimeter: On a grid



Corbettmaths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

### Guidance

1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

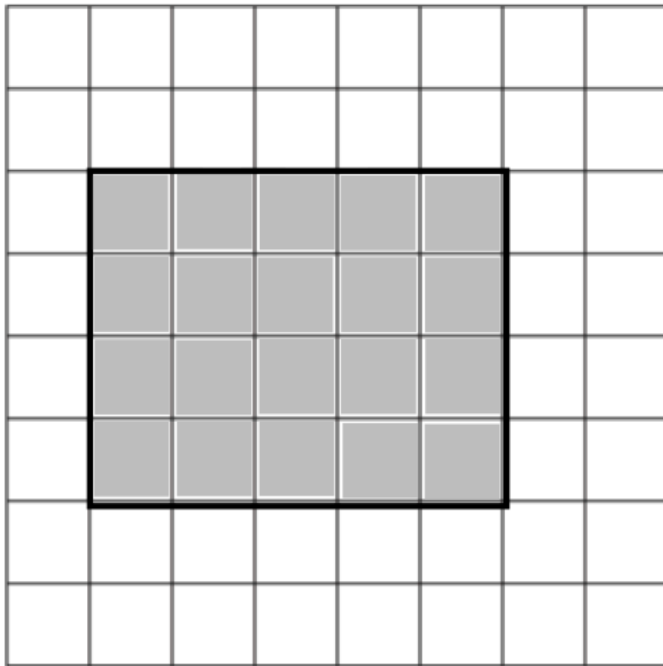
[www.corbettmaths.com/contents](http://www.corbettmaths.com/contents)

Video 43

Video 242



1. A rectangle is drawn on a centimetre grid below.



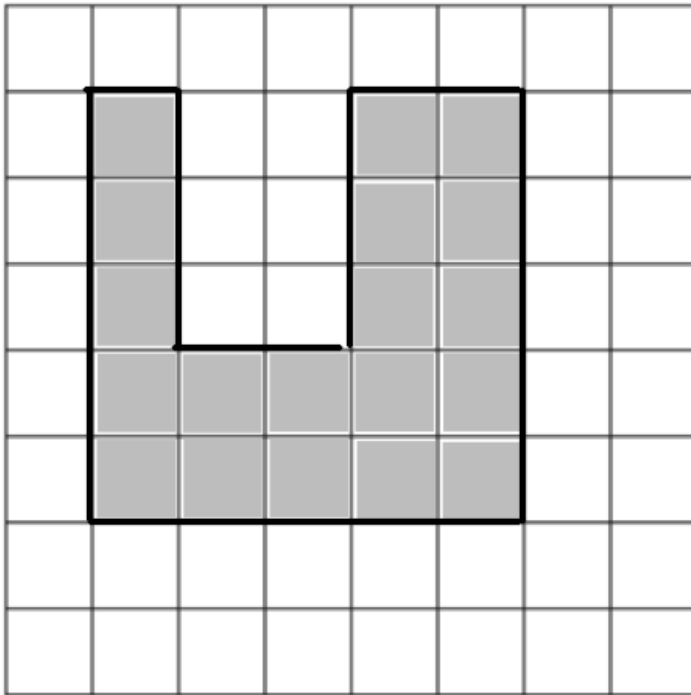
(a) Work out the perimeter of the rectangle.

.....cm  
(1)

(b) Work out the area of the rectangle.

.....cm<sup>2</sup>  
(1)

2. The diagram shows a shaded shape drawn on a centimetre grid.



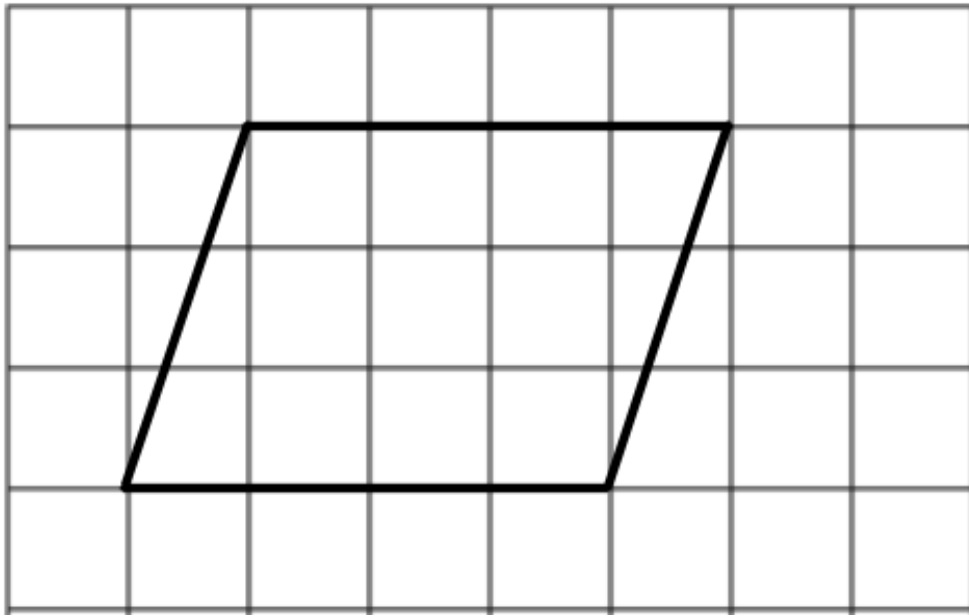
(a) Work out the area of the shaded shape.

.....cm<sup>2</sup>  
**(1)**

(b) Work out the perimeter of the shaded shape.

.....cm  
**(1)**

3. Here is a quadrilateral drawn on a centimetre grid.



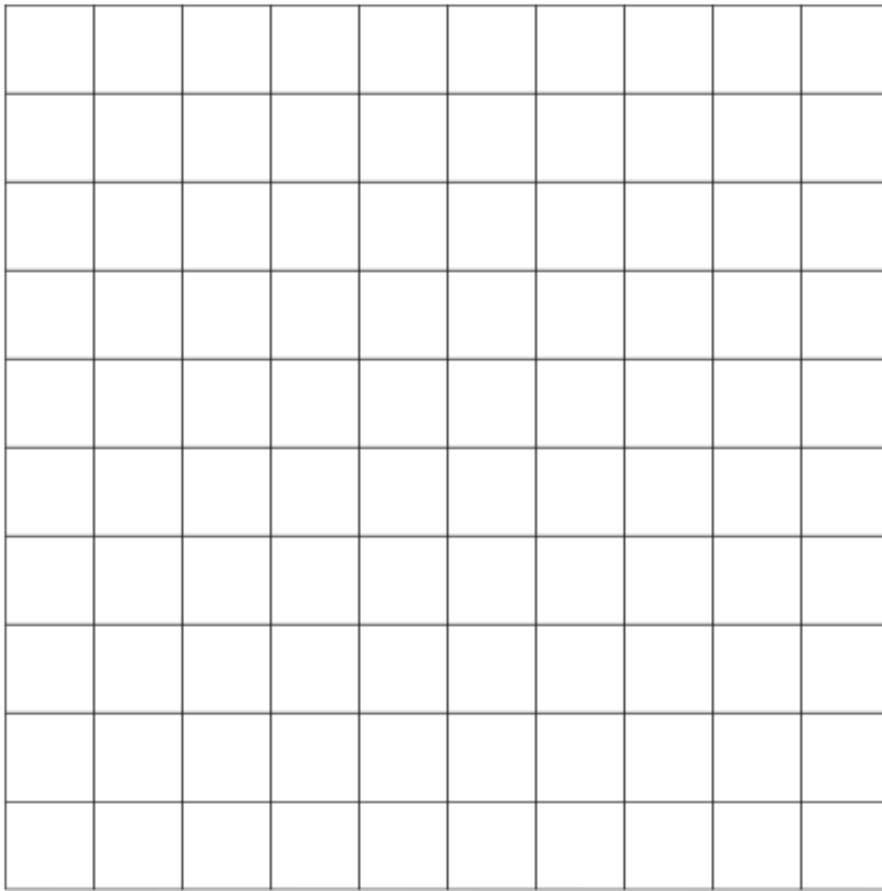
(a) Write down the special name for the quadrilateral.

.....  
(1)

(b) Find the area of the quadrilateral.

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

4. Below is a centimetre grid.



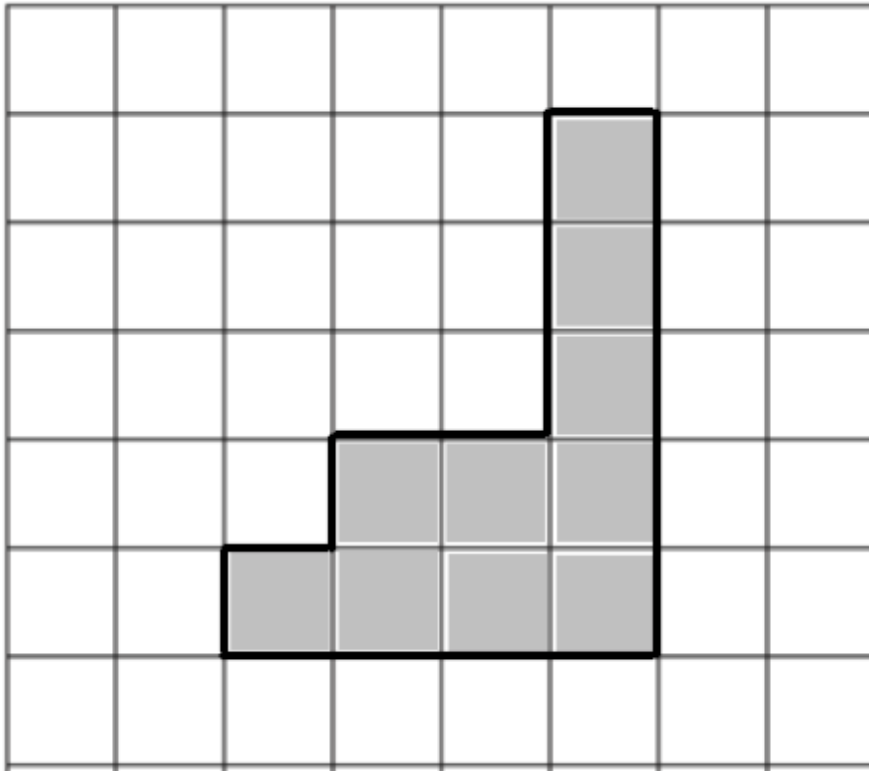
(a) Draw a rectangle with perimeter 12cm.

(1)

(b) Find the area of the rectangle you have drawn.

.....cm<sup>2</sup>  
(1)

5. Here is a shaded shape drawn on a centimetre grid.



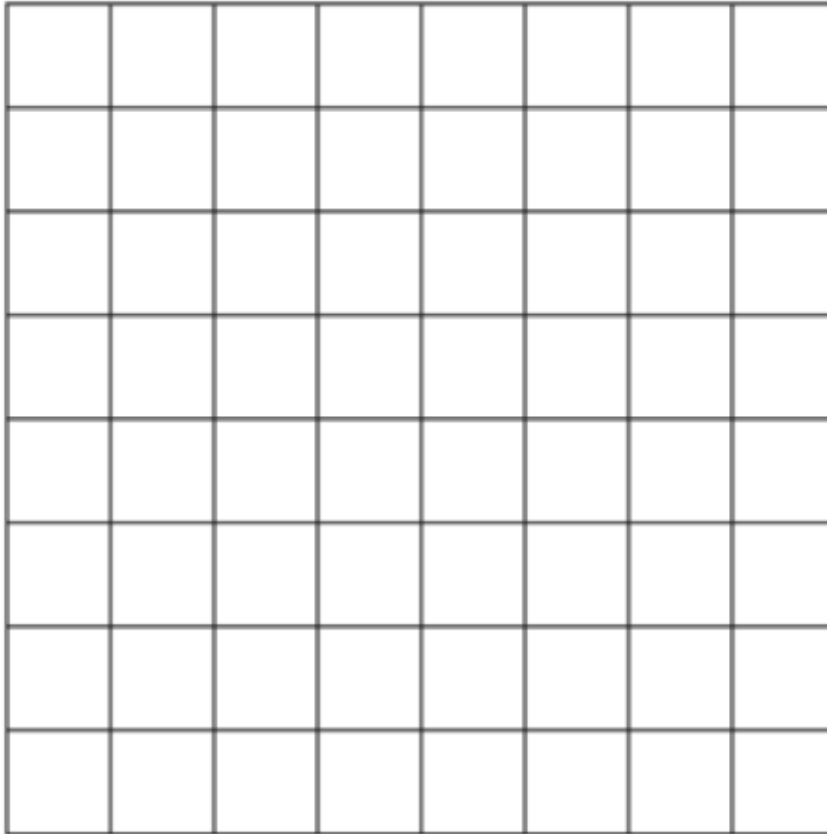
(a) Work out the area of the shaded shape.

.....cm<sup>2</sup>  
(1)

(b) Work out the perimeter of the shaded shape.

.....cm  
(1)

6.



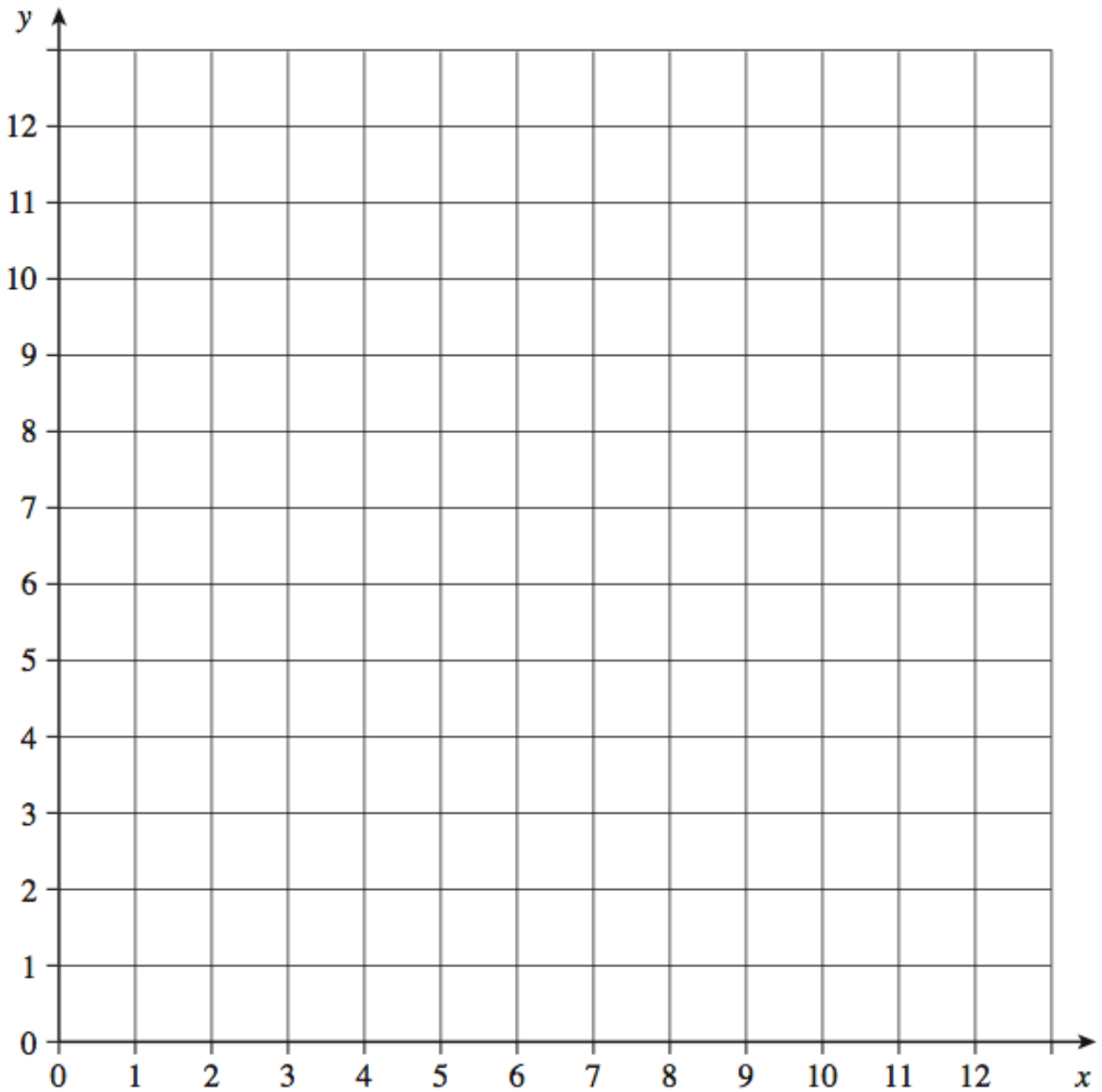
(a) On the centimetre grid, draw a rectangle with an area of  $12\text{cm}^2$ .

**(1)**

(b) Find the perimeter of the rectangle you have drawn.

.....cm  
**(1)**

7. Here is a centimetre grid.  
P(1,2), Q(9,2) and R(9,11) are the coordinates of three vertices of a rectangle.



(a) Work out the perimeter of the rectangle.

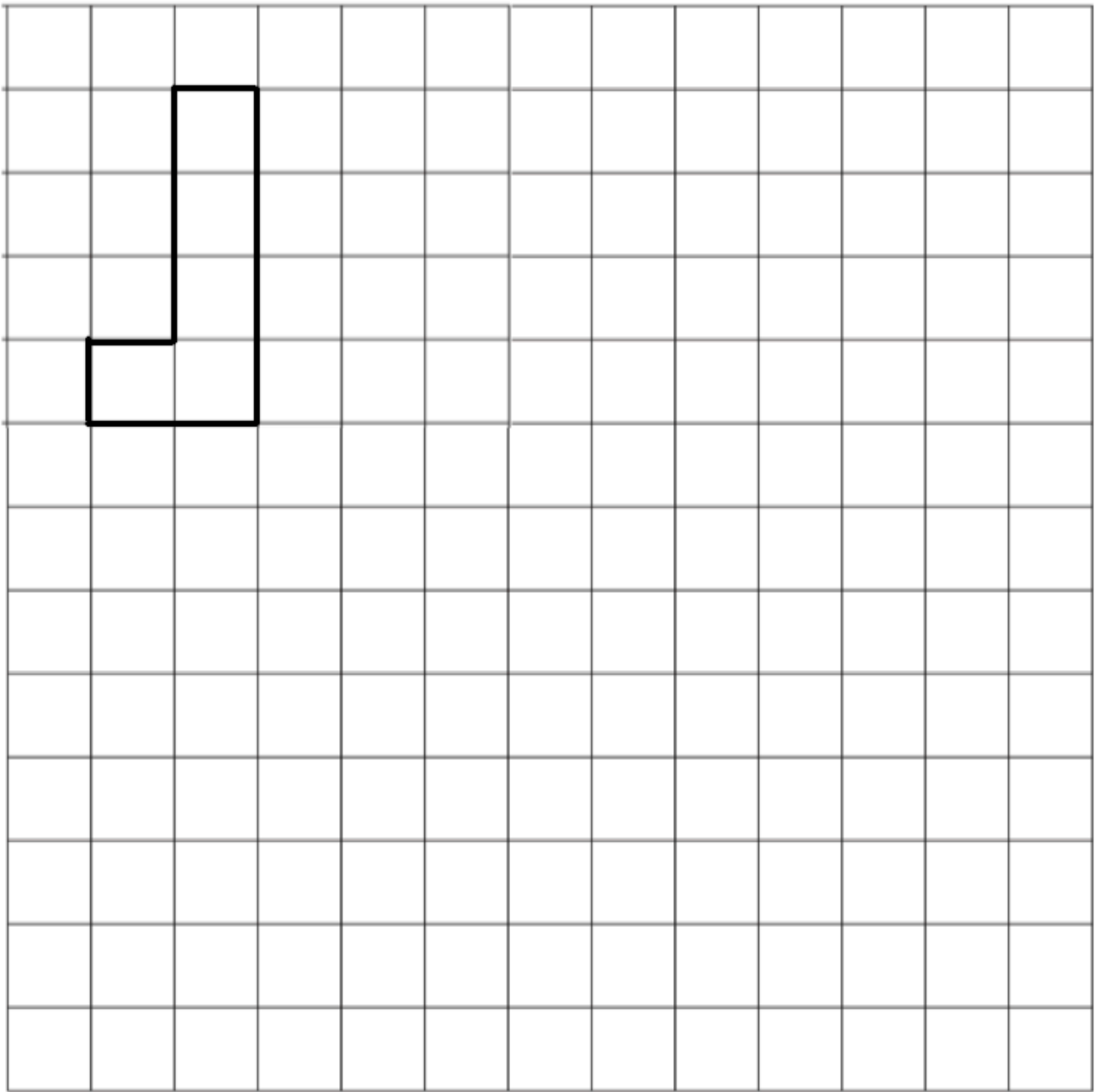
.....cm  
(3)

(b) Work out the area of the rectangle.

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



8. The diagram shows a shape on a centimetre grid.



Work out the area of the shape after an enlargement of scale factor 2.

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