

Area

Measures



The area of this square is 1 square centimetre.
This is written as 1 cm^2 .

A

Write the area of each of these shapes.

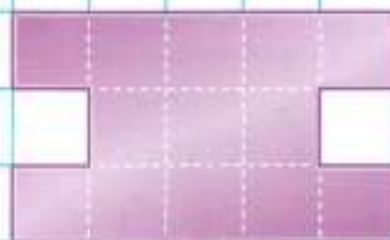
1.



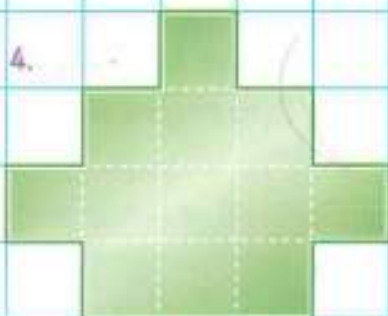
2.



3.



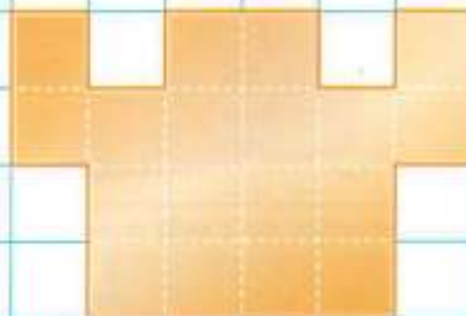
4.



5.



6.



B

Each of the shapes in **A** are symmetrical.
Use centimetre squared paper to draw symmetrical shapes with areas of:

1. 8 cm^2

2. 17 cm^2

3. 11 cm^2

4. 12 cm^2

C

Write the area of each of these shapes.

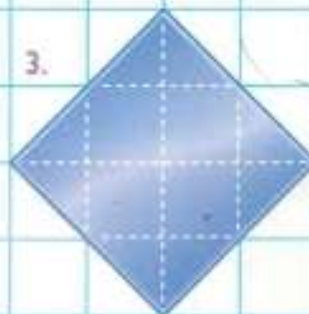
1.



2.



3.



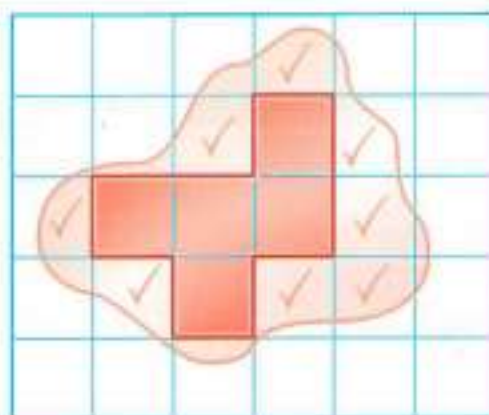
4.



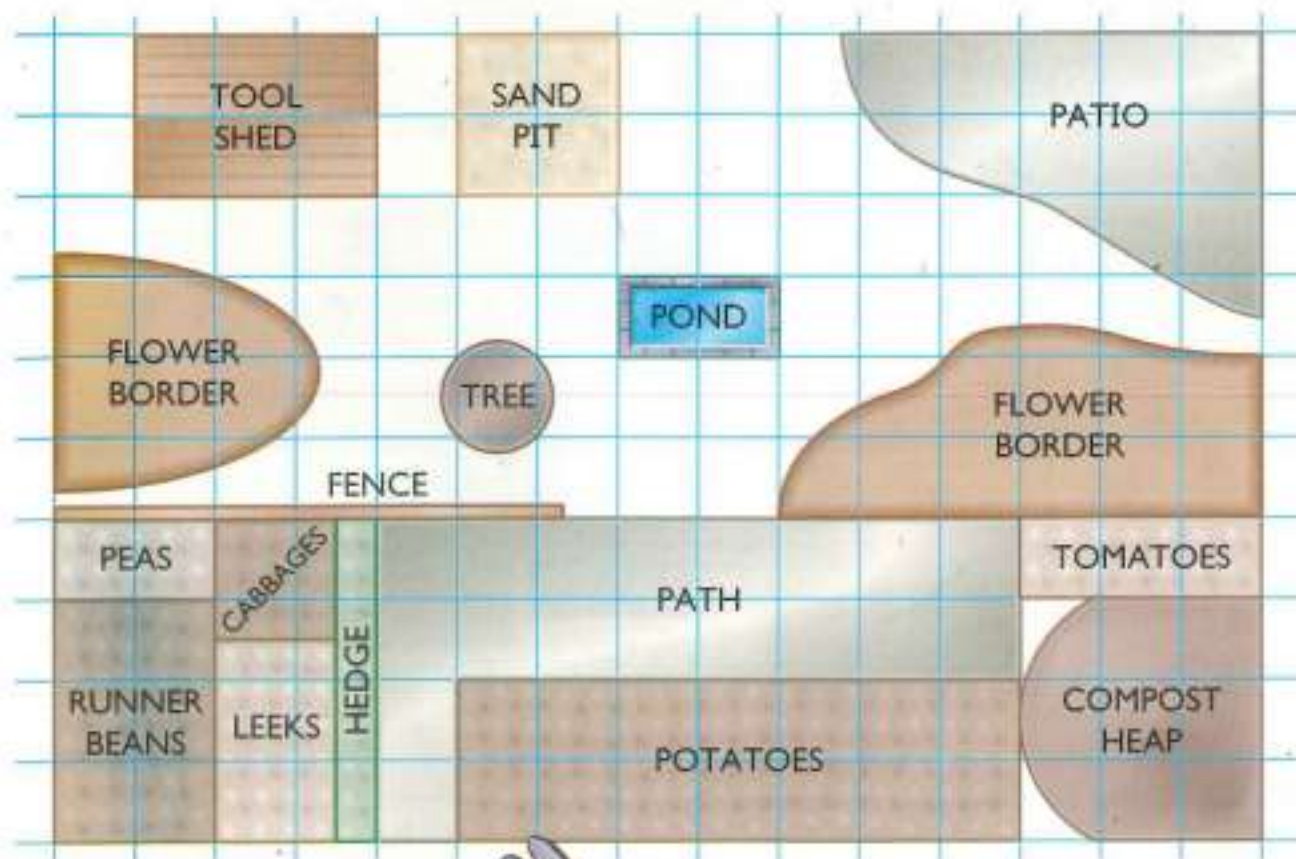
Measures

Approximate area

Count the whole squares.
Count the squares bigger than half.
The approximate area of this shape is 13 cm^2 .



This is Peter's design for his garden. 1cm represents 1m



A

Write the area of:

1. tool shed;
2. sand pit;
3. pond;
4. runner bean bed;
5. tomato bed;
6. path in vegetable garden.



B

Write the approximate area of:

1. tree;
2. flower borders;
3. compost heap;
4. leek patch;
5. patio;
6. cabbage patch.



The area of shapes made from rectangles can be found by:

Addition

Area of large rectangle = 12 cm^2

Area of small rectangle = 2 cm^2

Area of shape = 14 cm^2

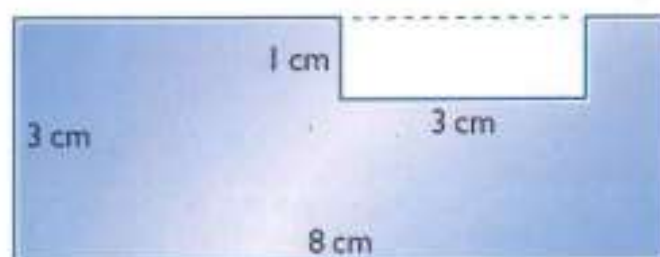
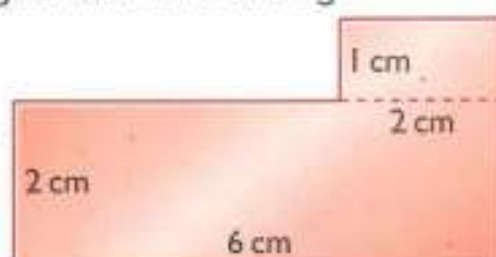
or

Subtraction

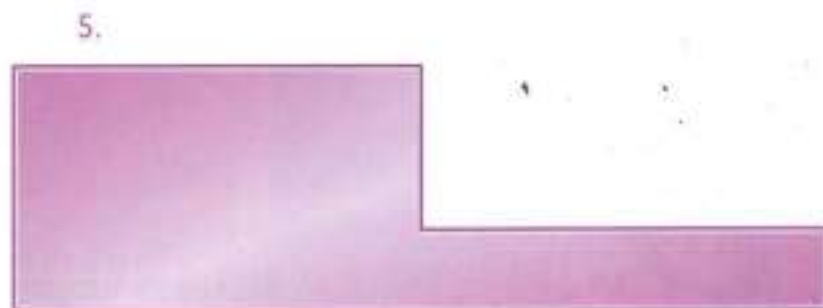
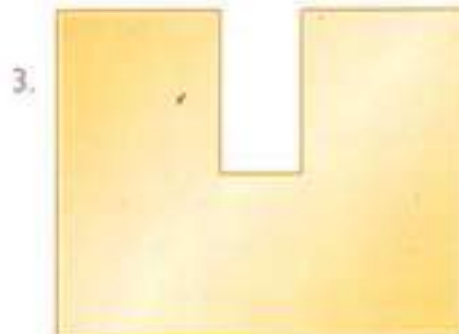
Area of large rectangle = 24 cm^2

Area of small rectangle = 3 cm^2

Area of shape = 21 cm^2



Find the areas of these shapes.



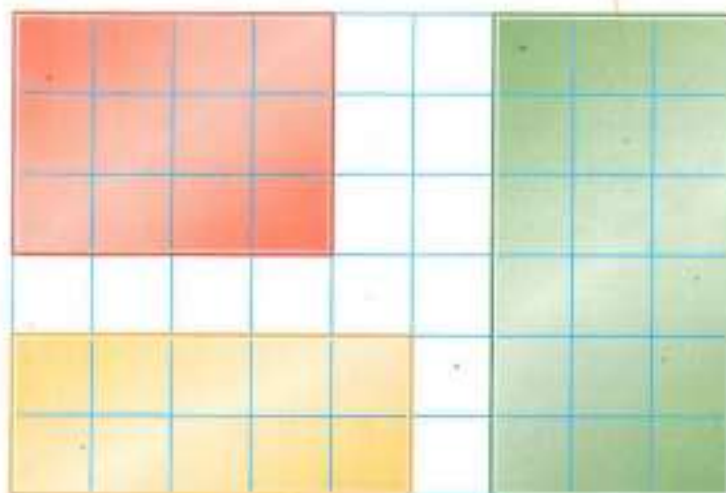
Challenge

Design three differently shaped classrooms, each with an area of 37 m^2 .

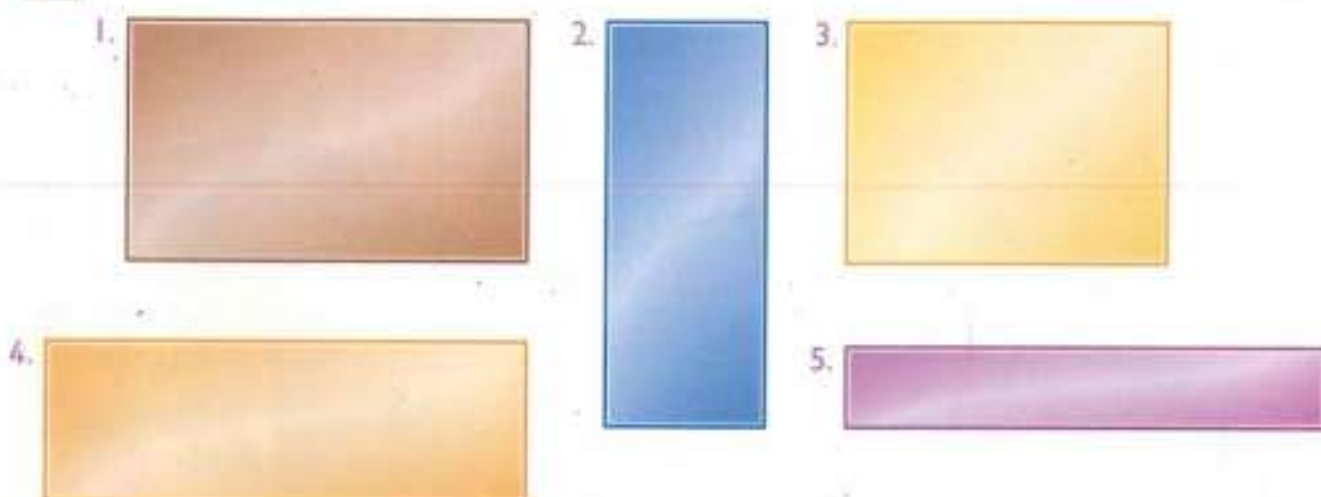
A Find the areas of these rectangles.

Challenge

How could you calculate the areas of the rectangles without counting the squares?



B Measure these rectangles and write their areas.



C Copy and complete this table.



Rectangles		
Length	Breadth	Area
6 cm	5 cm	
9 cm	4 cm	
4 cm	3 cm	
10 cm	5 cm	
8 cm	3 cm	

