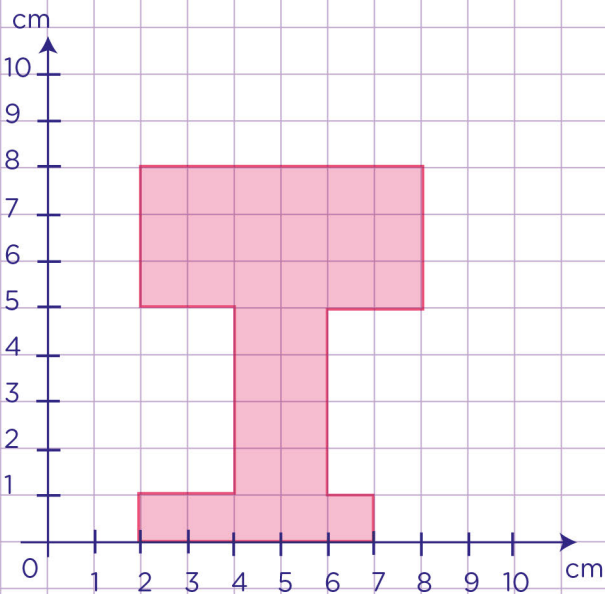


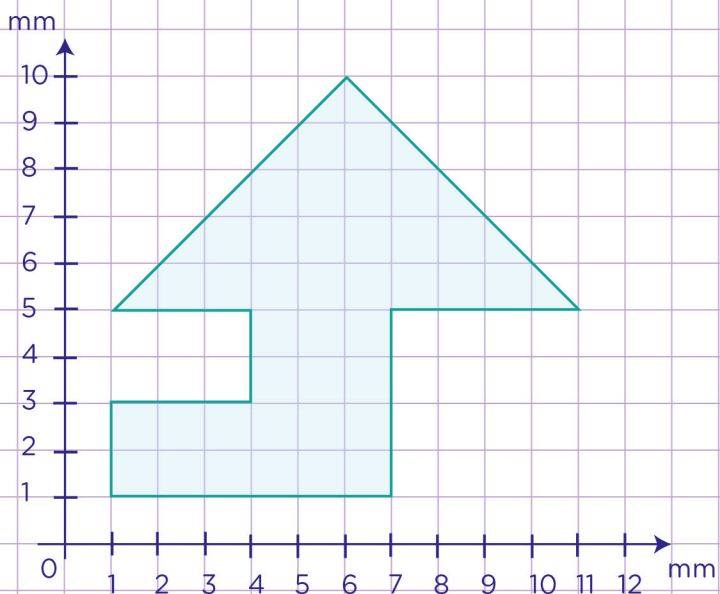
Name: ..... Class: .....

Area of figures on grids

1. Find the area of the shaded figure on the grid below.



2. Find the area of the shaded figure on the grid below.

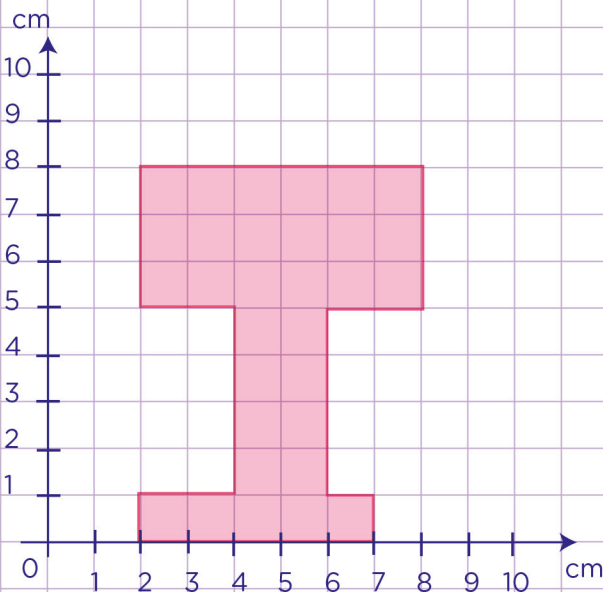


Name: ..... Class: .....

## Area of figures on grids



1. Find the area of the shaded figure on the grid below.



To find the area, first find the total number of full Shaded squares.

It gives 31 squares in all.

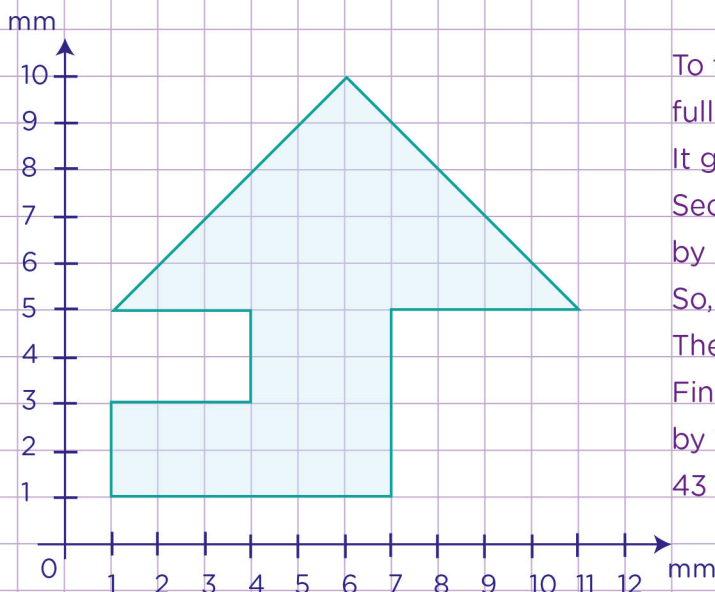
Secondly, the area of each unit square =  $1 \text{ cm}^2$ .

Finally, multiply the shaded number of squares by 1 square centimeter

$$31 \times 1 \text{ cm}^2 = 31 \text{ cm}^2$$

So, area of shaded region is  $31 \text{ cm}^2$

2. Find the area of the shaded figure on the grid below.



To find the area, first find the total number of full Shaded squares.

It gives 38 full squares.

Secondly, count the half squares and divide by 2  $\rightarrow 10 / 2 = 5$

So, total number of full squares =  $38 + 5 = 43$

The area of each unit square =  $1 \text{ mm}^2$ .

Finally, multiply the shaded number of squares by 1 square centimeter

$$43 \times 1 \text{ mm}^2 = 43 \text{ mm}^2$$

So, area of shaded region is  $43 \text{ mm}^2$