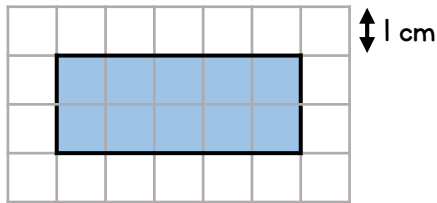


Name _____

- 1 A rectangle is drawn on a centimetre square grid.



What is the area of the rectangle?

10 cm²

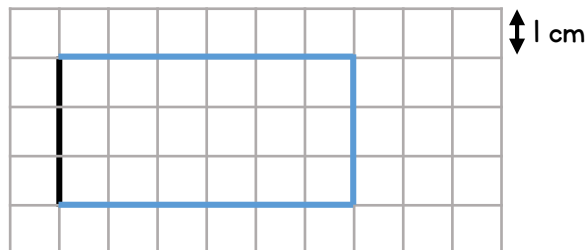


What is the perimeter of the rectangle?

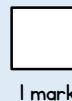
14 cm



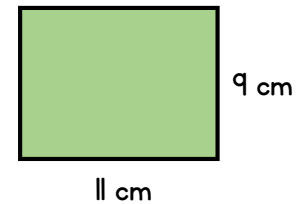
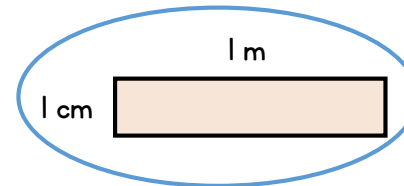
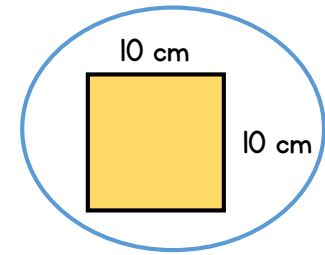
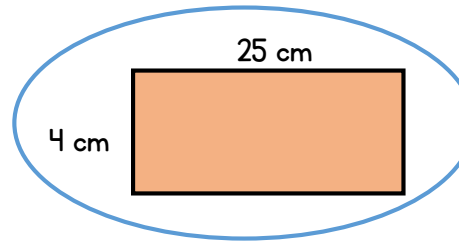
- 2 The perimeter of a rectangle is 18 cm.
One of the sides is shown.



Complete the rectangle.



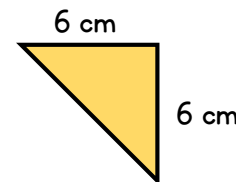
- 3 Circle the shapes that have an area of 100 cm²



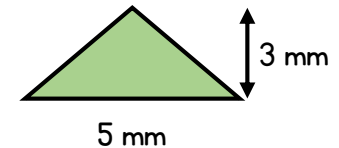
1 mark for 2 correct.



- 4 Work out the area of each triangle.
Give units with your answer.



18 cm²

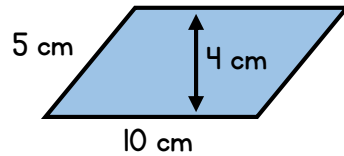


7.5 mm²

1 mark for each correct area and 1 mark for units.



- 5 Max says that the area of the parallelogram is 50 cm^2



What mistake has he made?

He has used 5 cm as the perpendicular height.

What is the correct area?

40 cm^2

6

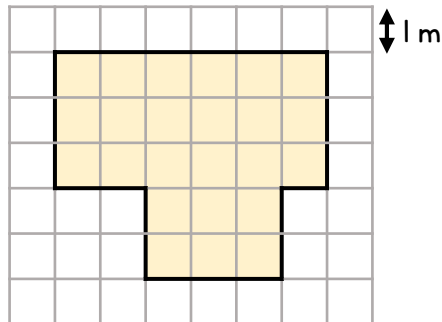


Rectangles that have the same area, have the same perimeter.

Is Teddy correct? Explain your answer.

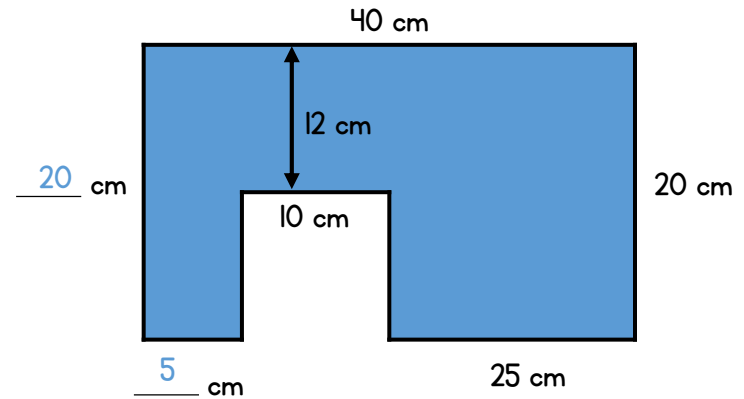
No e.g. a 3 by 5 rectangle has an area of 15 but a perimeter of 16

- 7 The diagram shows the layout of a garden.
A fence is to be built around the garden.
What is the length of fence needed?



22 m

- 8 Find the missing lengths.



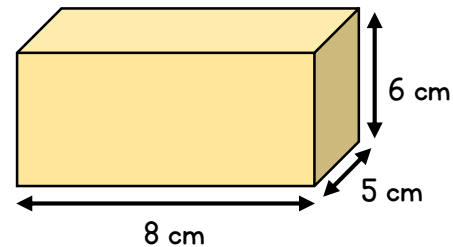
What is the area of the shape?

Show all your working.

1 mark for correct method with 1 error.

720 cm^2

- 9 Work out the volume of the cuboid.



1 mark for correct method with 1 error.

240 cm^3

Circle how confident you feel with perimeter, area & volume.

1
Not
confident

2

3

4

5
Very
confident