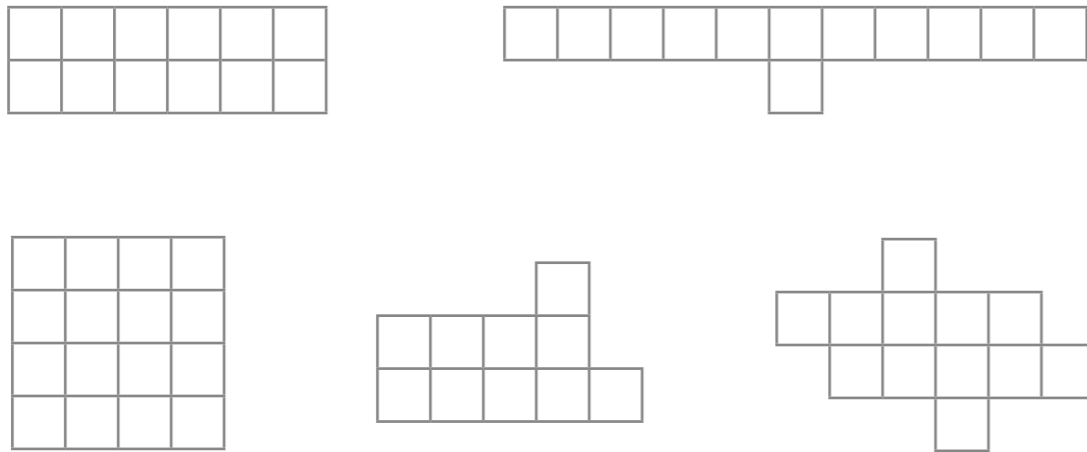


Area, perimeter and volume

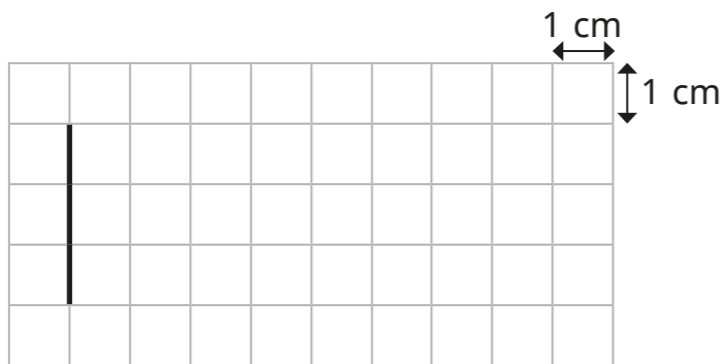
Name: _____

- 1** Tick the shapes that have an area of 12 cm^2
Each small square represents 1 cm^2



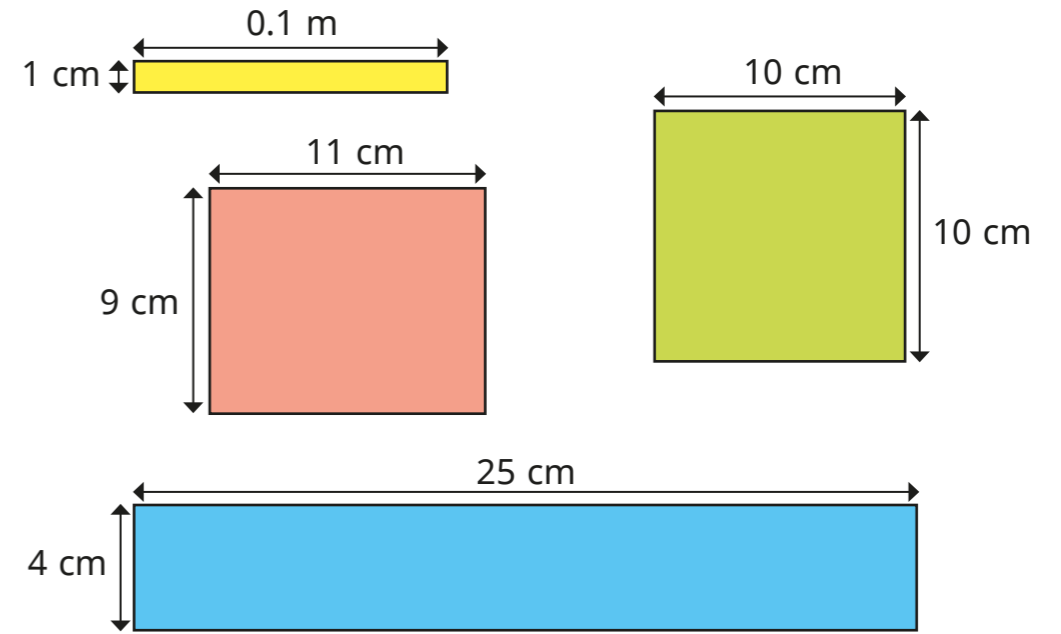
2 marks

- 2** The perimeter of a rectangle is 18 cm .
One of the sides has been drawn for you.
Complete the rectangle.



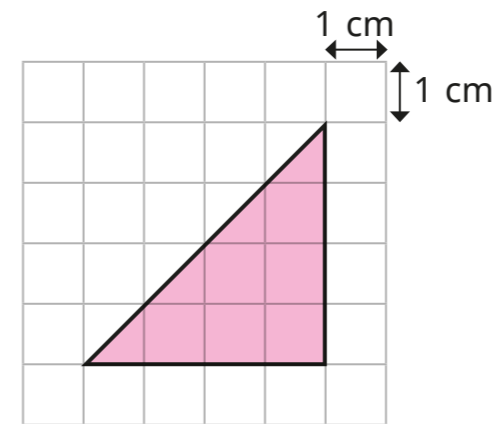
1 mark

- 3** Tick the shapes that have an area of 100 cm^2

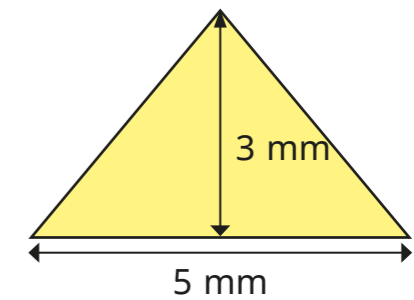


2 marks

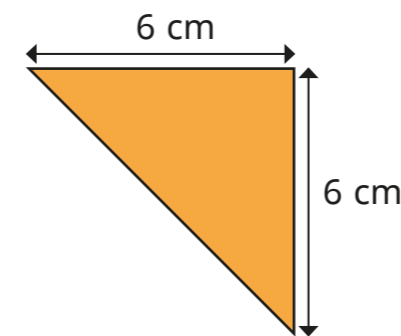
- 4** Work out the area of each triangle.



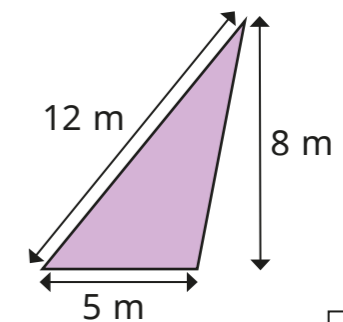
cm^2



mm^2



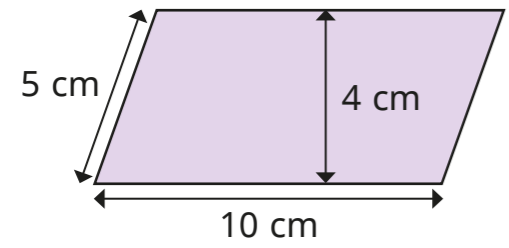
cm^2




m^2

4 marks

5



The area of the parallelogram is 50 cm^2



What mistake has Max made?

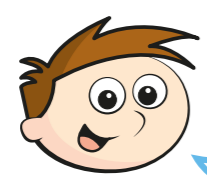
What is the area of the parallelogram?

cm^2

1 mark

1 mark

6



Rectangles that have the same area have the same perimeter.

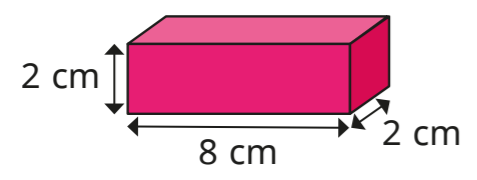
Is Teddy correct? _____

Explain your answer.

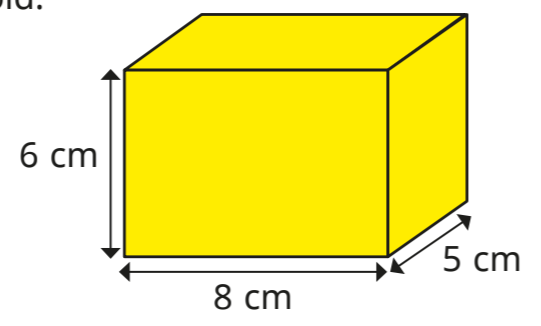
1 mark

7

Work out the volume of each cuboid.



cm^3

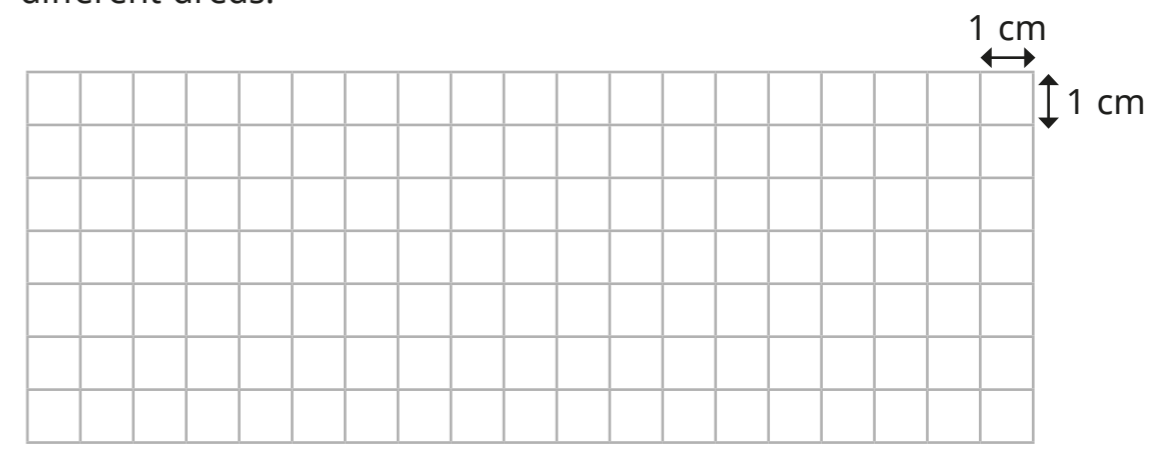


cm^3

2 marks

8

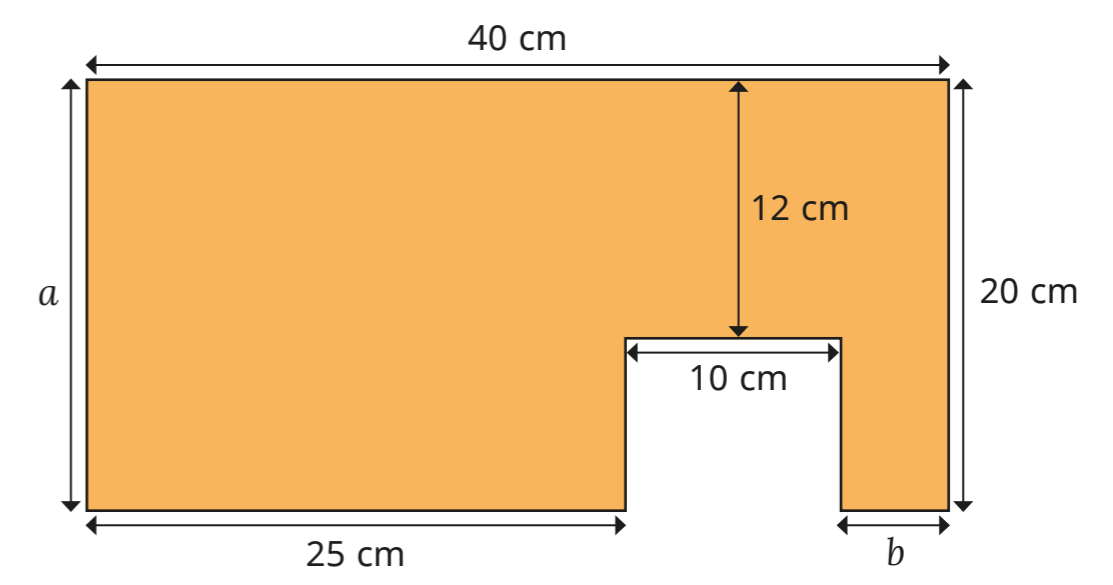
Draw two rectilinear shapes that have the same perimeters but different areas.



2 marks

9

Here is a shape.



Work out the unknown lengths.

$a =$ cm

$b =$ cm

2 marks

What is the area of the shape?

cm^2

2 marks