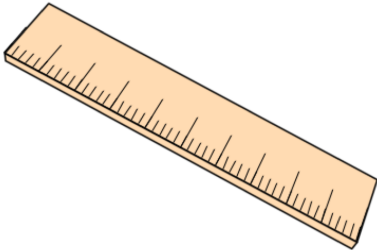




Corbettmaths  
primary



## Area of a Square Area of a Rectangle



### Tips

- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

### Recap



### Remember

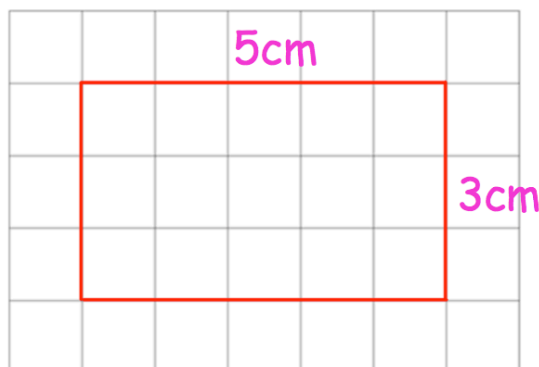
- There are daily questions found at  
[www.corbettmathsprimary.com/5-a-day/](http://www.corbettmathsprimary.com/5-a-day/)

1. Work out the area of this square



cm <sup>2</sup>
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2. Work out the area of this rectangle



cm <sup>2</sup>
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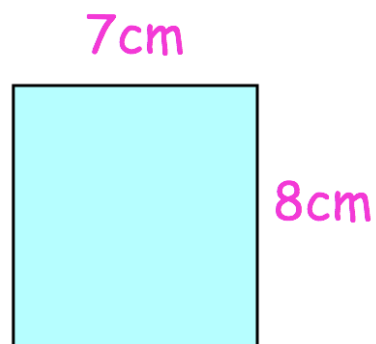
3. Work out the area of this rectangle



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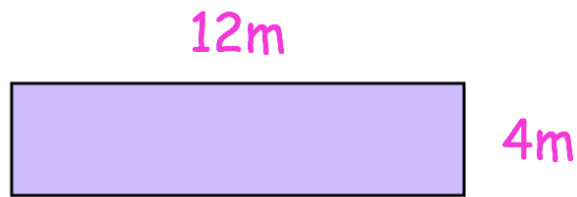
$\text{cm}^2$
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4. Work out the area of this rectangle



$\text{cm}^2$
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5. Work out the area of this rectangle



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$\text{m}^2$
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6. Work out the area of this square



$\text{cm}^2$
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7. Work out the area of this rectangle



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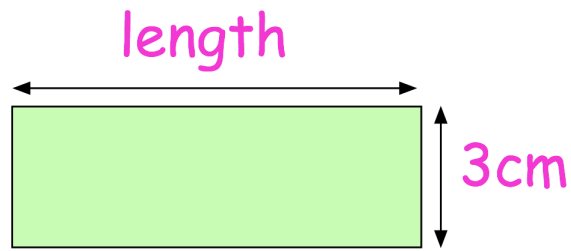
$\text{cm}^2$
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8. Work out the area of this square



$\text{cm}^2$
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9.

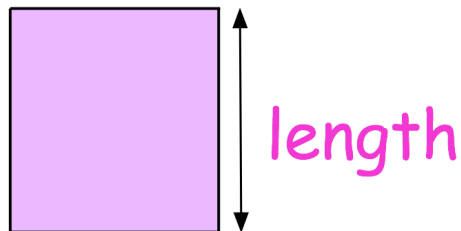


The area of this rectangle is  $27\text{cm}^2$

Work out the length of the rectangle

cm

10.

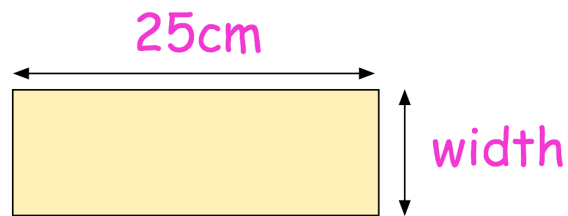


The area of this square is  $36\text{cm}^2$

Work out the length of each side of the square

cm

11.

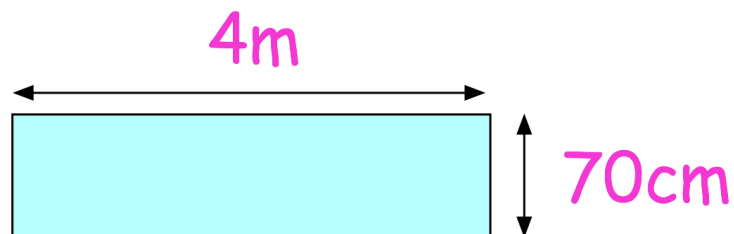


The area of this rectangle is  $300\text{cm}^2$

Work out the width of the rectangle

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12.



Work out the area of this rectangle.  
Include units for your answer.

13. A farmer has a rectangular field that is 30m long and 20m wide.

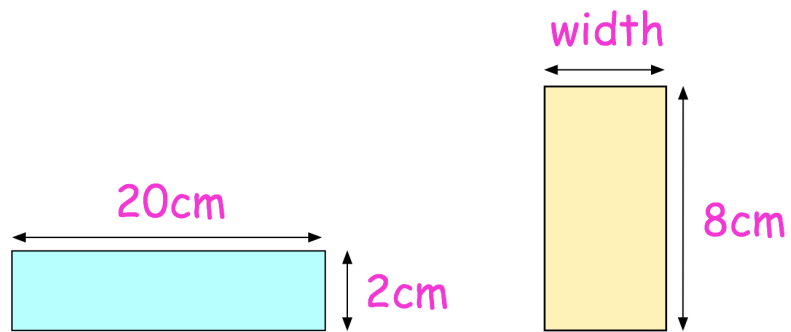


Work out the area of the field

m<sup>2</sup>

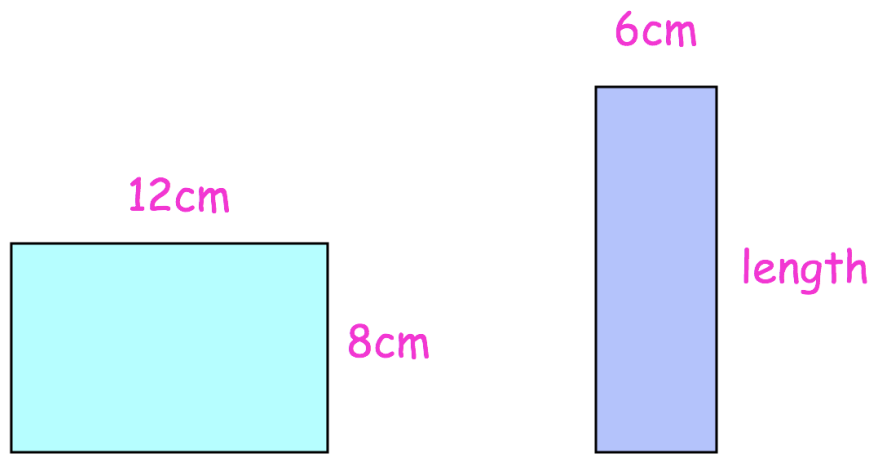


14. These two rectangles have the same area.



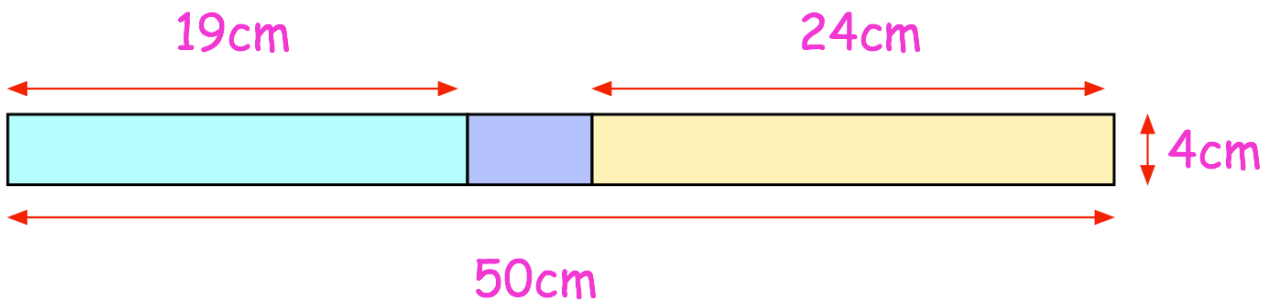
Work out the width of the yellow rectangle

15. These two rectangles have the same area



Work out the length of the second rectangle

16. Three rectangles are put together



Work out the area of rectangle B

cm<sup>2</sup>

17. The area of a football pitch is  $6,040\text{m}^2$ .

A hockey pitch is 91 metres long and 37 metres wide.

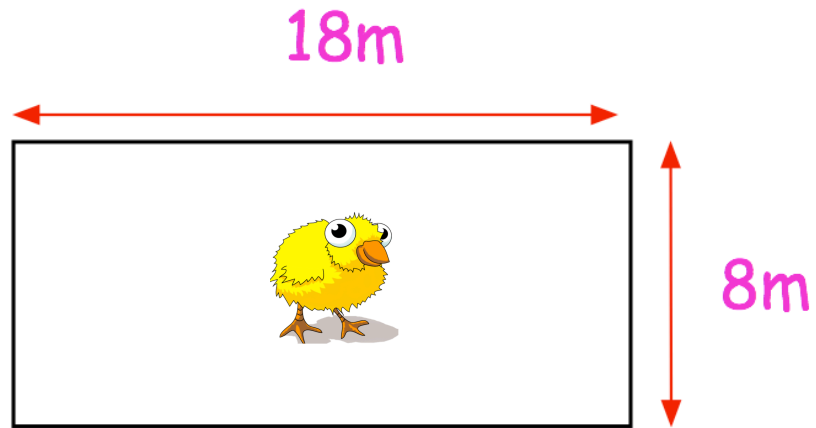
How much larger is the area of the football pitch than the area of the hockey pitch?

$\text{m}^2$

18. Mrs Jenkins is a chicken farmer

Her rectangular chicken pen is 18 metres long and 8 metres wide.

Each chicken needs at least  $3\text{m}^2$  of space.



How many chickens can Mrs Jenkins keep?

19. A square measures 30cm by 30cm

A rectangle is 7cm **longer** and 2cm **narrower** than the square.

What is the **difference** in area between the two shapes?

cm<sup>2</sup>

20. Rosie says

**“If two rectangles have the same area, they must have the same perimeter.”**

Is Rosie right?  
Circle Yes or No

Yes / No

Explain your answer

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