Corbettm⍺ths

Area of a Square
Area of a Rectangle

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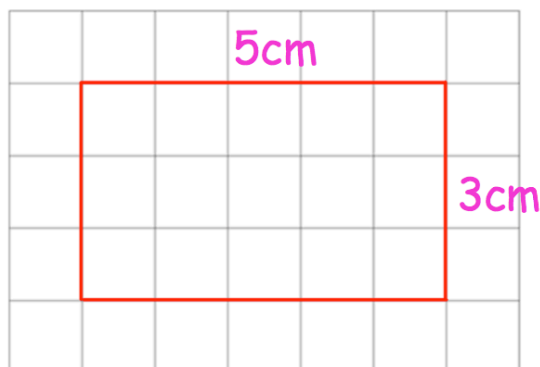- Always show your workings

Recap

Remember
- There are daily questions found at
  www.corbettmaths.com/5-a-day/primary

1. **Work out the area of this square**

3cm

3cm

cm²

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2. **Work out the area of this rectangle**

5cm

3cm

cm²

3.   Work out the area of this rectangle

9cm

5cm

cm²

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4.   Work out the area of this rectangle

8cm

7cm
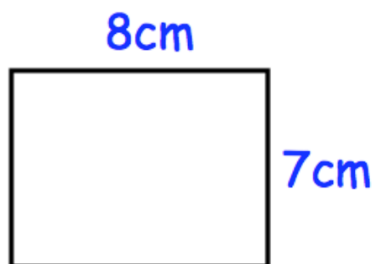
cm²

5. Work out the area of this rectangle

3m
8m
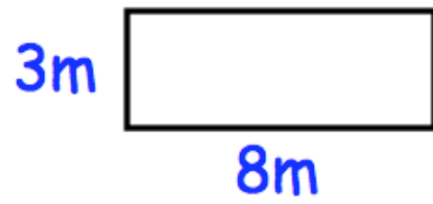
m²

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6. Work out the area of this square

7cm
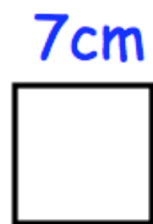
cm²

7. Work out the area of this rectangle

65cm

9cm

cm²

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8. Work out the area of this square

14cm

cm²

9.

length

3cm
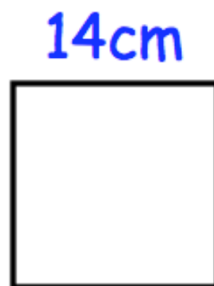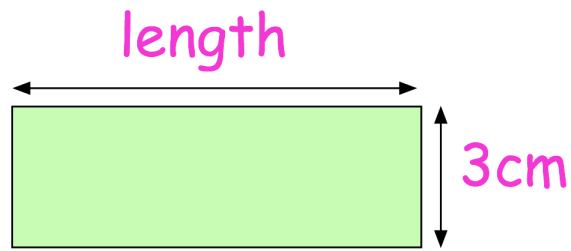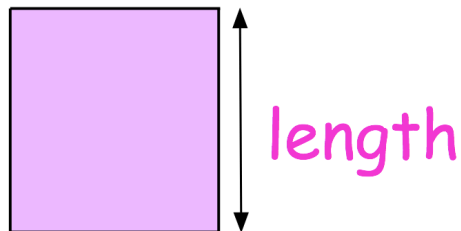
The area of this rectangle is 27cm²

Work out the length of the rectangle

cm

10.

length
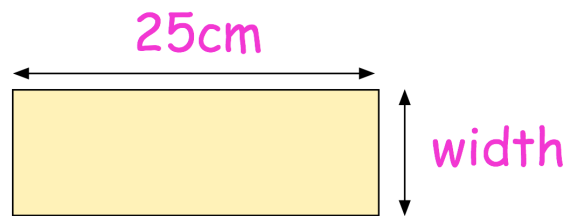
The area of this square is 36cm²

Work out the length of each side of the square
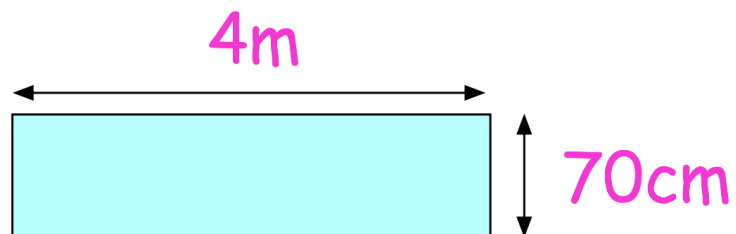
cm

11.

25cm

width

The area of this rectangle is 300cm²

Work out the width of the rectangle

cm

12.

4m

70cm

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

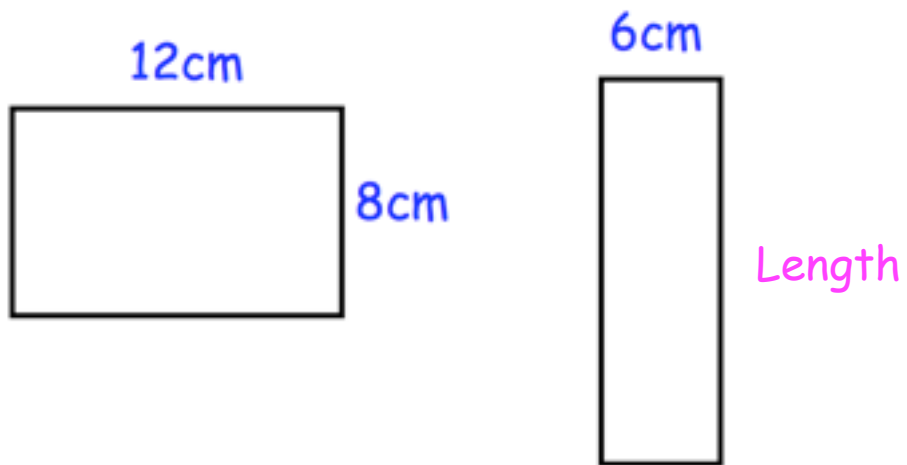|	m²

14. These two rectangles have the same area.

width

20cm

8cm

2cm
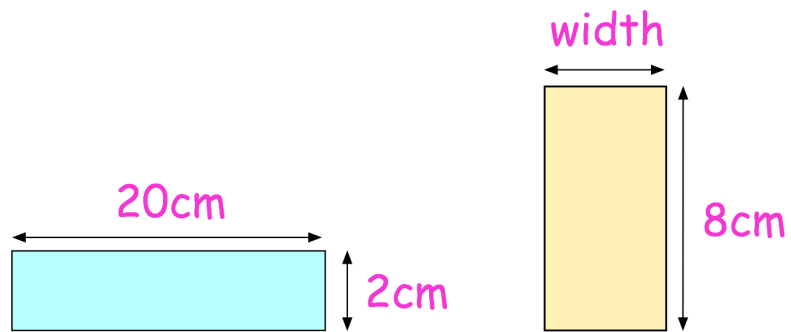
Work out the width of the yellow rectangle

cm

15. These two rectangles have the same area

12cm

8cm

6cm

Length

Work out the length of the second rectangle

cm

16. Three rectangles are put together

15cm

17cm

| A | B | C | 2cm

38cm
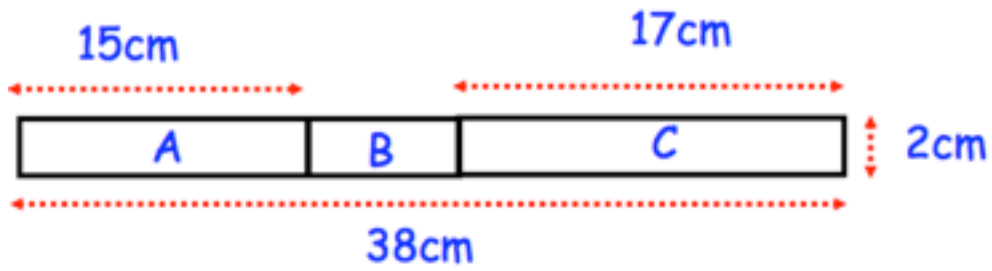
Work out the area of rectangle B

cm²

17. The area of a football pitch is 6,040m².

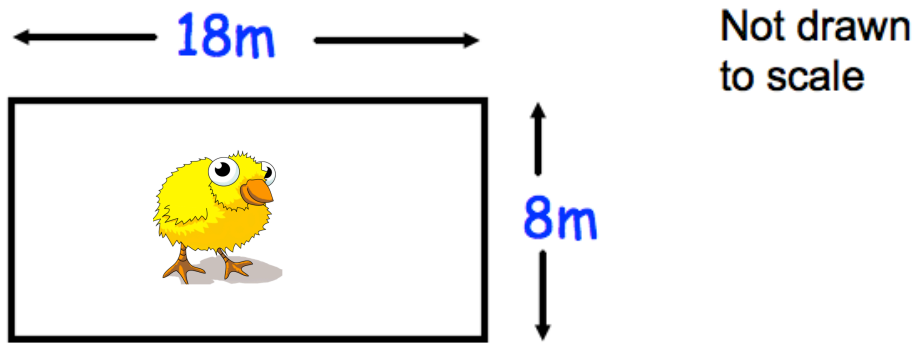A hockey pitch is 91 metres long and 37 metres wide.

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

	m²

18.   Mrs Jenkins is a chicken farmer

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

Each chicken needs at least 3m² of space.

←——— 18m ———→

Not drawn
to scale

8m

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?

cm²

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

   ……………………………………………………………………………………

   ……………………………………………………………………………………

   ……………………………………………………………………………………