

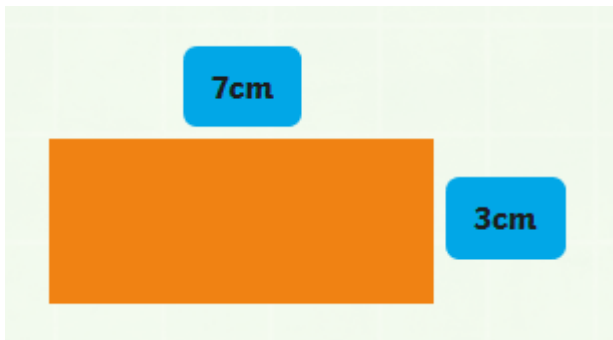
Area

What is area?

Area measures the surface inside a shape.

Example

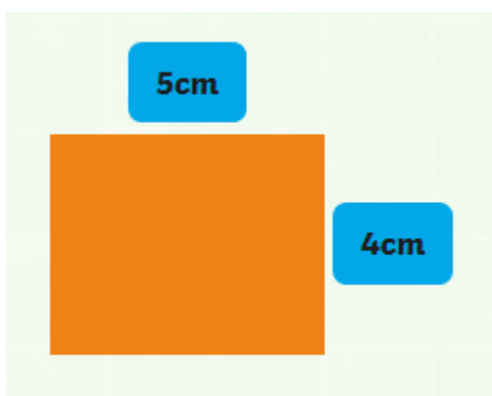
Let's have a look at an example:



To calculate the area, we need to multiply the width and the length.

$$7\text{cm} \times 3\text{cm} = 21\text{cm}^2$$

Activity 1



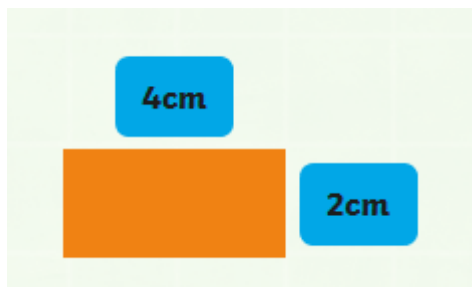
$$\underline{\hspace{1cm}} \text{ cm} \times \underline{\hspace{1cm}} \text{ cm} = \underline{\hspace{1cm}} \text{ cm}^2$$

Activity 2



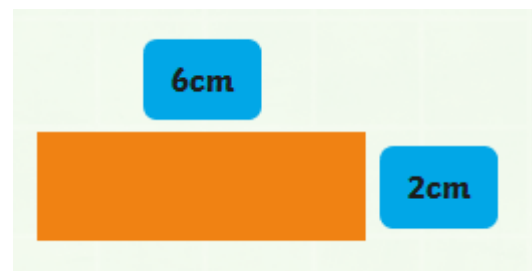
$$\underline{\hspace{1cm}} \text{ cm} \times \underline{\hspace{1cm}} \text{ cm} = \underline{\hspace{1cm}} \text{ cm}^2$$

Activity 3



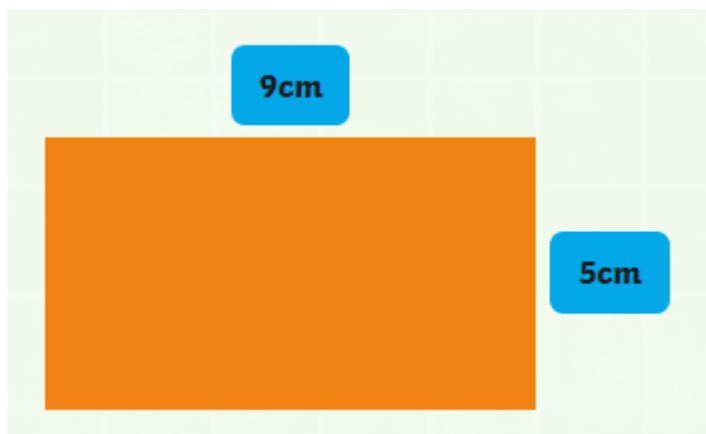
$$\underline{\hspace{1cm}} \text{ cm} \times \underline{\hspace{1cm}} \text{ cm} = \underline{\hspace{1cm}} \text{ cm}^2$$

Activity 4



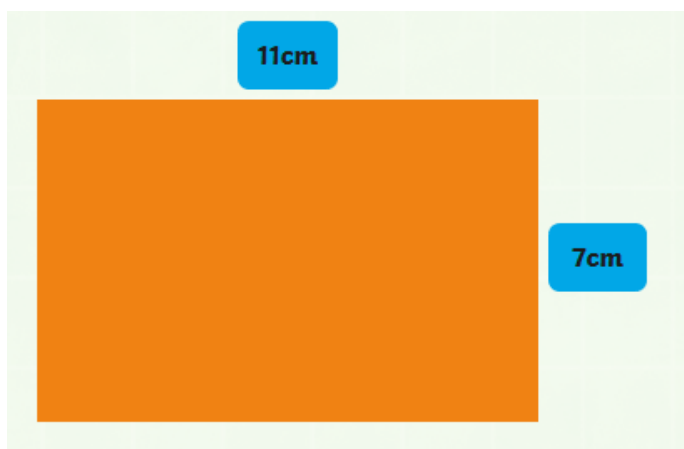
$$\underline{\hspace{1cm}} \text{ cm} \times \underline{\hspace{1cm}} \text{ cm} = \underline{\hspace{1cm}} \text{ cm}^2$$

Activity 5



$$\underline{\hspace{1cm}} \text{ cm} \times \underline{\hspace{1cm}} \text{ cm} = \underline{\hspace{1cm}} \text{ cm}^2$$

Activity 6

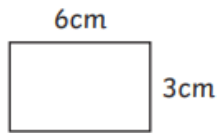


$$\underline{\hspace{1cm}} \text{ cm} \times \underline{\hspace{1cm}} \text{ cm} = \underline{\hspace{1cm}} \text{ cm}^2$$

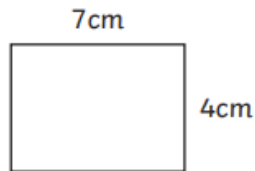
Activity 7

Calculate the area of these shapes. Remember, multiply width by length. All answers will be cm^2 .

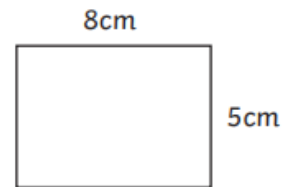
1.



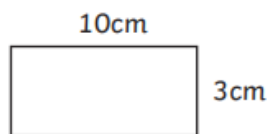
2.



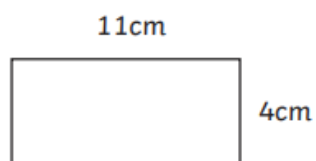
3.



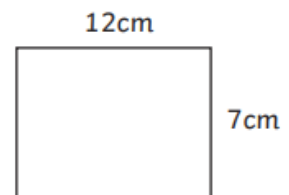
4.



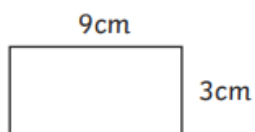
5.



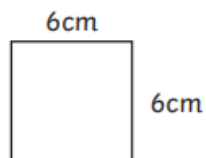
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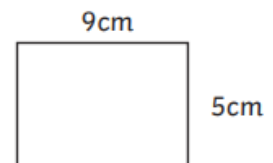
7.



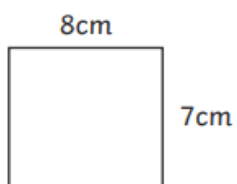
8.



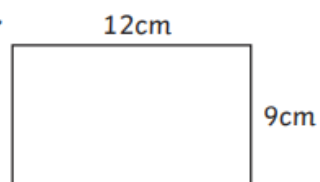
9.



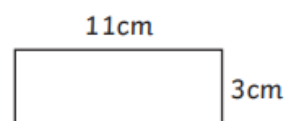
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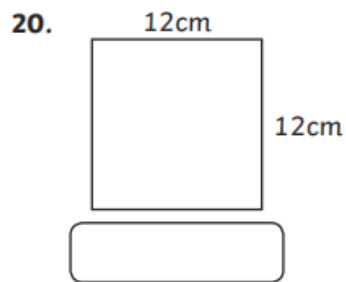
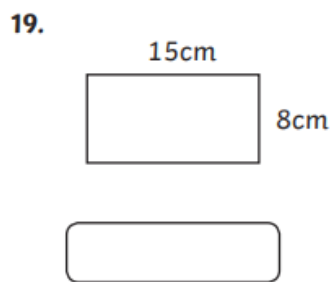
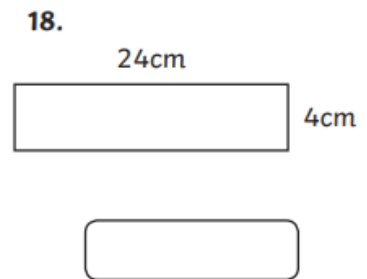
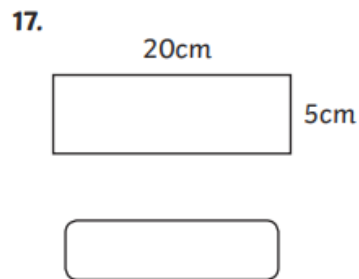
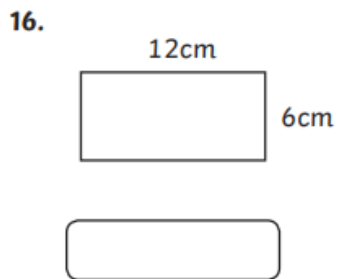
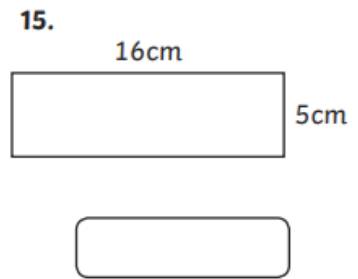
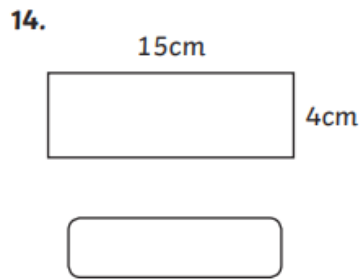
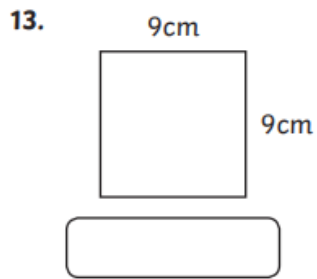


11.



12.

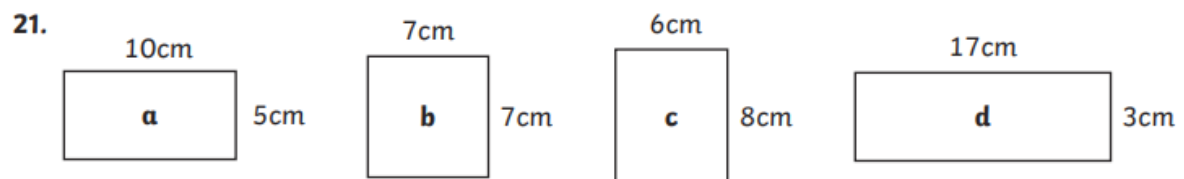




CHALLENGE ACTIVITIES

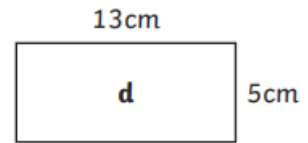
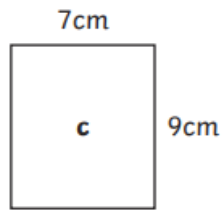
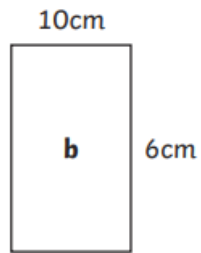
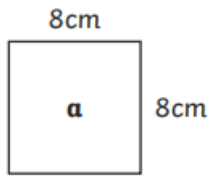
For each set of rectangles, order the rectangles from smallest area to largest area.

The shapes are not to scale.



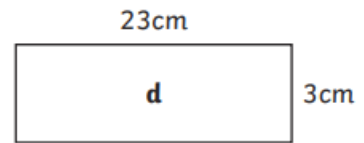
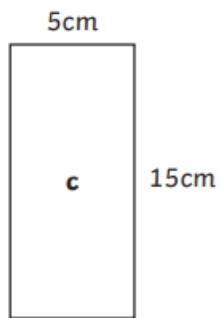
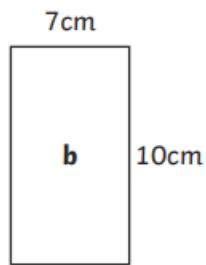
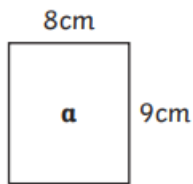
smallest largest

22.



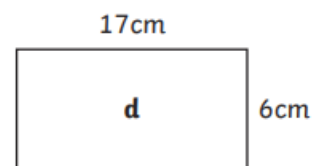
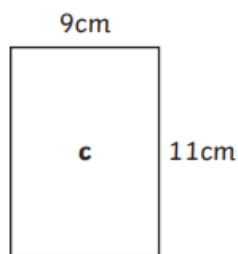
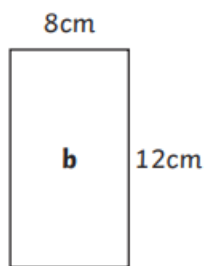
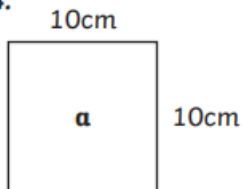
smallest largest

23.



smallest largest

24.



smallest largest