

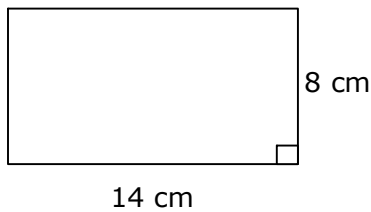
NAME: \_\_\_\_\_

PERIOD: \_\_\_\_\_

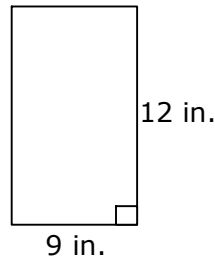
## GEOMETRY WS – AREA OF RECTANGLES AND PARALLELOGRAMS

**Find the area of each rectangle.**

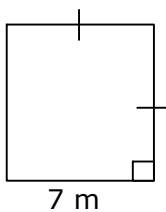
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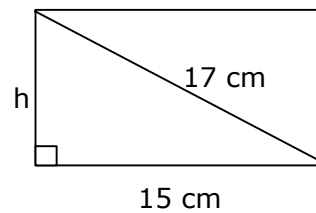
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3.

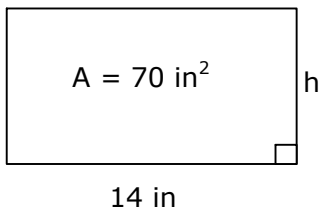


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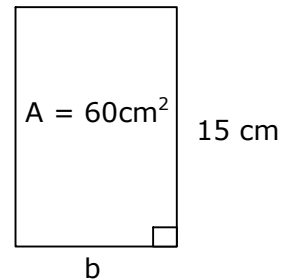


**Find the missing dimensions.**

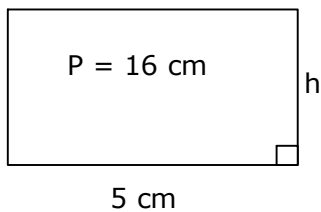
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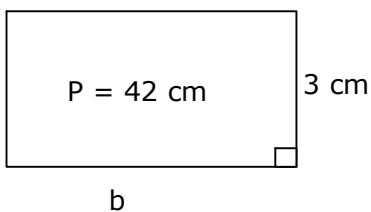
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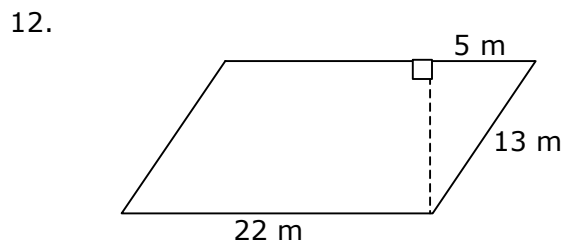
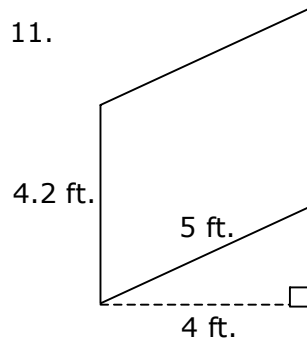
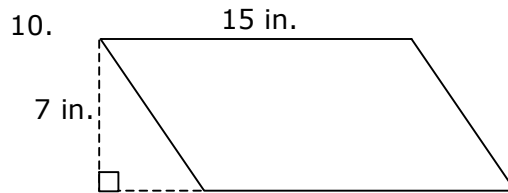
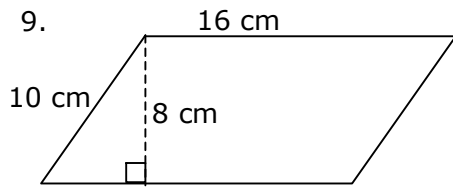
7. Find the area of a rectangle if the perimeter is 16 cm and the base is 5 cm. ( $P = 2b + 2h$ )



8. The perimeter of a rectangle is 42 cm and the height is 3 cm. Find the area of a rectangle ( $P = 2b + 2h$ )



**Find the area of each parallelogram.**



**Find the missing dimensions.**

13. The area of a parallelogram is  $84 \text{ cm}^2$ . If the base is 8 cm find the length of altitude (height).

14. The area of a parallelogram is  $128 \text{ ft}^2$  and the height is 8 ft. Find the corresponding base.

15. The perimeter of the parallelogram below is 42 cm. Find the area of the parallelogram.

