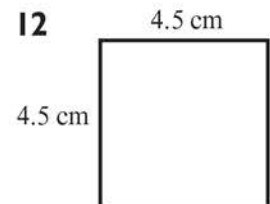
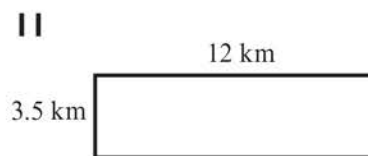
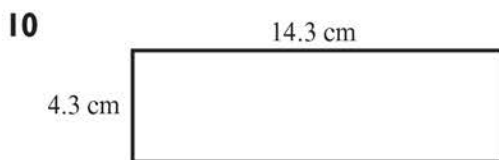
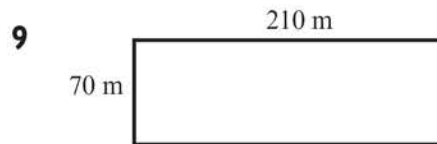
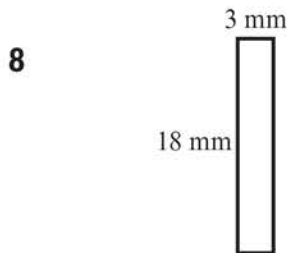
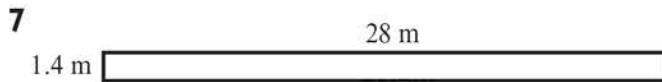
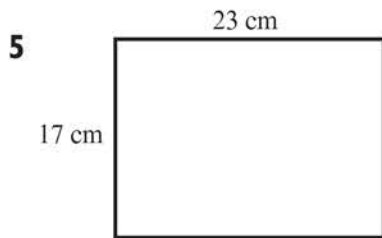
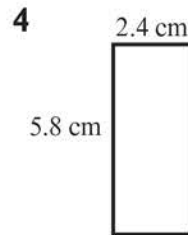
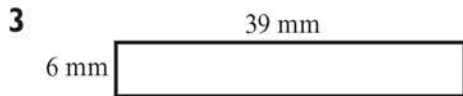
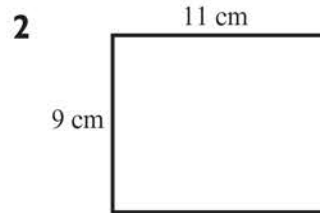
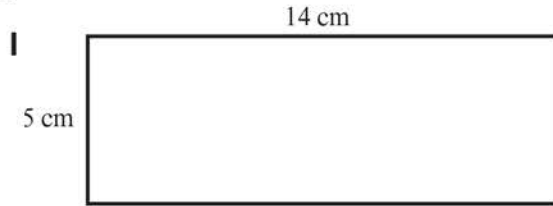


## Areas of rectangles



Find the areas of these rectangles. The diagrams are not to scale.



**13** A football pitch is 110 metres by 72.4 metres. Find its area.

.....

**14** Find the area of a square if the perimeter is 24 centimetres.

.....

**15** A rectangle is twice as long as it is wide. The perimeter of the rectangle is 42 centimetres. Find its area.

.....

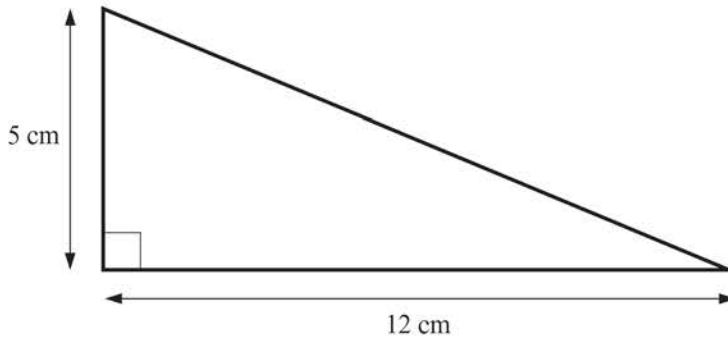
## Areas of triangles



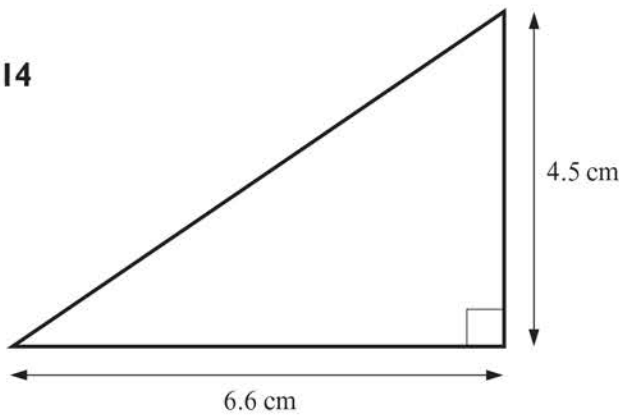
Find the areas of these triangles. The diagrams are not to scale.

- |    |                                |    |                                  |
|----|--------------------------------|----|----------------------------------|
| 1  | Height 12 cm, base 10 cm. .... | 2  | Height 22 cm, base 6 cm. ....    |
| 3  | Height 14 cm, base 11 cm. .... | 4  | Base 24 cm, height 16 cm. ....   |
| 5  | Base 46 cm, height 18 cm. .... | 6  | Height 7 cm, base 5 cm. ....     |
| 7  | Base 13 cm, height 15 cm. .... | 8  | Height 30 cm, base 40 cm. ....   |
| 9  | Base 72 cm, height 2 cm. ....  | 10 | Base 63 mm, height 5 mm. ....    |
| 11 | Height 9 cm, base 1 cm. ....   | 12 | Base 1.8 km, height 2.5 km. .... |

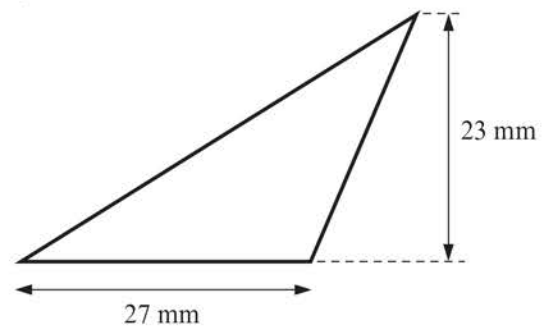
13



14



15

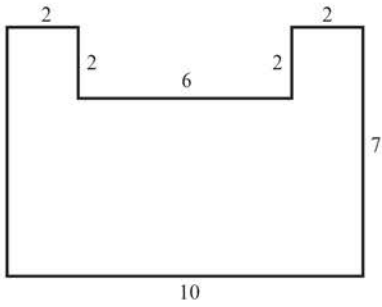


## Areas of compound shapes

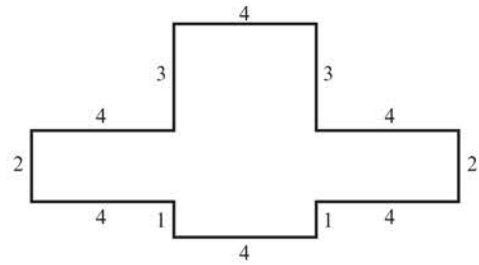


Find the areas of these compound shapes. The diagrams are not to scale.  
All indicated lengths are in centimetres.

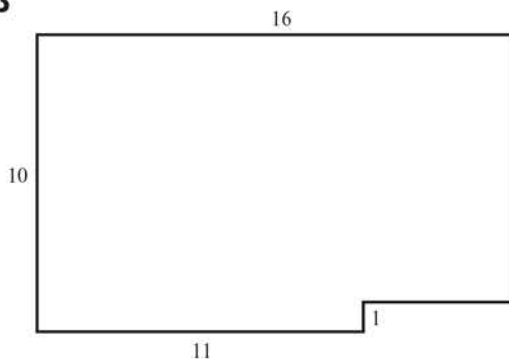
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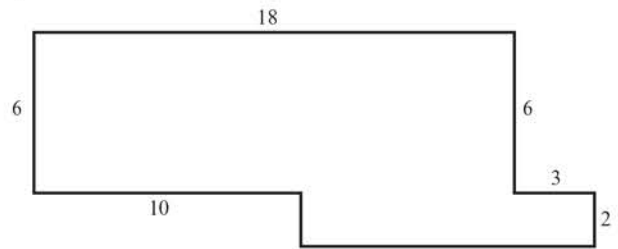
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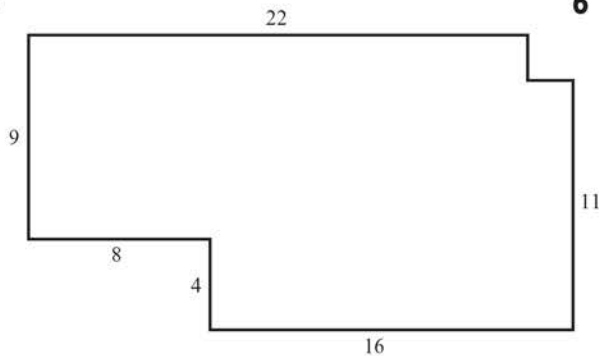
3



4



5



6

