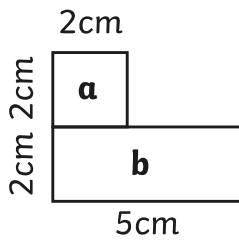


# Area of Compound Shapes

I can calculate the area of compound shapes.

Calculate the area of each rectangle, then calculate the area of the whole compound shape.

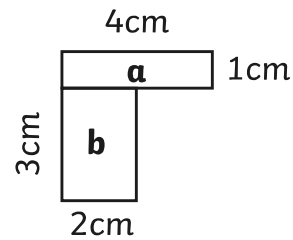
1.



Area a: \_\_\_\_\_ cm<sup>2</sup>

Area b: \_\_\_\_\_ cm<sup>2</sup>      Total: \_\_\_\_\_ cm<sup>2</sup>

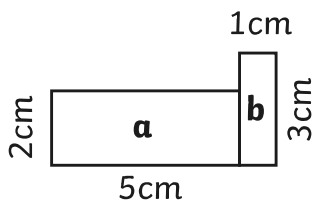
2.



Area a: \_\_\_\_\_ cm<sup>2</sup>

Area b: \_\_\_\_\_ cm<sup>2</sup>      Total: \_\_\_\_\_ cm<sup>2</sup>

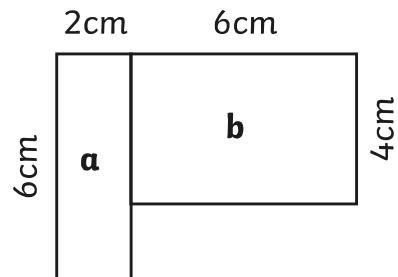
3.



Area a: \_\_\_\_\_ cm<sup>2</sup>

Area b: \_\_\_\_\_ cm<sup>2</sup>      Total: \_\_\_\_\_ cm<sup>2</sup>

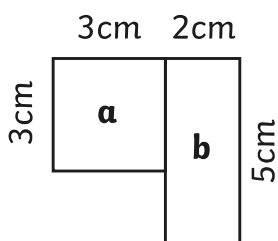
4.



Area a: \_\_\_\_\_ cm<sup>2</sup>

Area b: \_\_\_\_\_ cm<sup>2</sup>      Total: \_\_\_\_\_ cm<sup>2</sup>

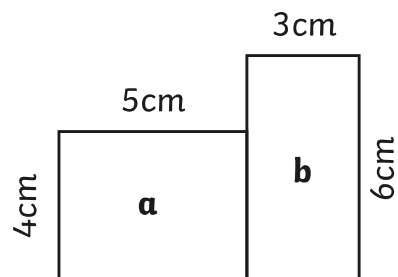
5.



Area a: \_\_\_\_\_ cm<sup>2</sup>

Area b: \_\_\_\_\_ cm<sup>2</sup>      Total: \_\_\_\_\_ cm<sup>2</sup>

6.



Area a: \_\_\_\_\_ cm<sup>2</sup>

Area b: \_\_\_\_\_ cm<sup>2</sup>      Total: \_\_\_\_\_ cm<sup>2</sup>

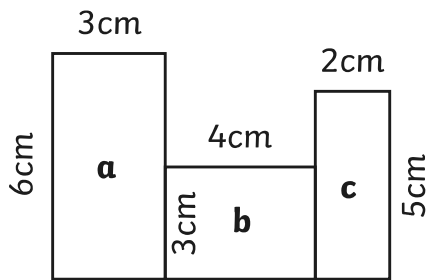
Note: Compound shapes are not to scale.

# Area of Compound Shapes

I can calculate the area of compound shapes.

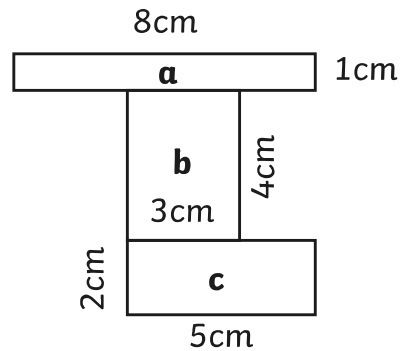
Calculate the area of each rectangle, then calculate the area of the whole compound shape.

7.



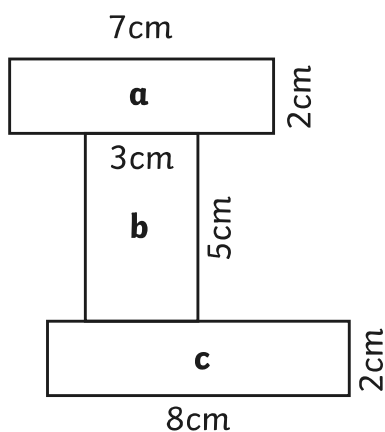
Area a: \_\_\_\_\_  $\text{cm}^2$       Area c: \_\_\_\_\_  $\text{cm}^2$   
 Area b: \_\_\_\_\_  $\text{cm}^2$       Total: \_\_\_\_\_  $\text{cm}^2$

8.



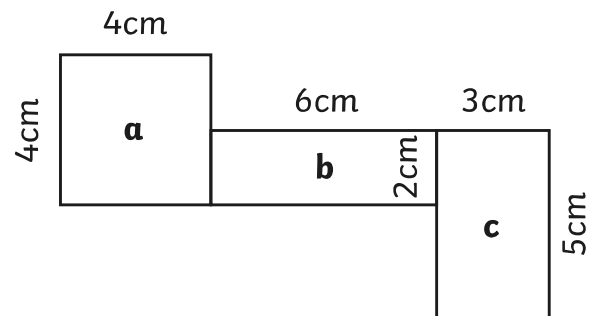
Area a: \_\_\_\_\_  $\text{cm}^2$       Area c: \_\_\_\_\_  $\text{cm}^2$   
 Area b: \_\_\_\_\_  $\text{cm}^2$       Total: \_\_\_\_\_  $\text{cm}^2$

9.



Area a: \_\_\_\_\_  $\text{cm}^2$       Area c: \_\_\_\_\_  $\text{cm}^2$   
 Area b: \_\_\_\_\_  $\text{cm}^2$       Total: \_\_\_\_\_  $\text{cm}^2$

10.



Area a: \_\_\_\_\_  $\text{cm}^2$       Area c: \_\_\_\_\_  $\text{cm}^2$   
 Area b: \_\_\_\_\_  $\text{cm}^2$       Total: \_\_\_\_\_  $\text{cm}^2$

Note: Compound shapes are not to scale.

# Area of Compound Shapes **Answers**



Question	Answer	
Identify the shapes where the area can be calculated. Calculate the area of each compound shape.		
1	Area a: <b>4cm<sup>2</sup></b> Area b: <b>10cm<sup>2</sup></b> Total: <b>14cm<sup>2</sup></b>	6 Area a: <b>20cm<sup>2</sup></b> Area b: <b>18cm<sup>2</sup></b> Total: <b>38cm<sup>2</sup></b>
2	Area a: <b>4cm<sup>2</sup></b> Area b: <b>6cm<sup>2</sup></b> Total: <b>10cm<sup>2</sup></b>	7 Area a: <b>18cm<sup>2</sup></b> Area b: <b>12cm<sup>2</sup></b> Area c: <b>10cm<sup>2</sup></b> Total: <b>40cm<sup>2</sup></b>
3	Area a: <b>10cm<sup>2</sup></b> Area b: <b>3cm<sup>2</sup></b> Total: <b>13cm<sup>2</sup></b>	8 Area a: <b>8cm<sup>2</sup></b> Area b: <b>12cm<sup>2</sup></b> Area c: <b>10cm<sup>2</sup></b> Total: <b>30cm<sup>2</sup></b>
4	Area a: <b>12cm<sup>2</sup></b> Area b: <b>24cm<sup>2</sup></b> Total: <b>36cm<sup>2</sup></b>	9 Area a: <b>14cm<sup>2</sup></b> Area b: <b>15cm<sup>2</sup></b> Area c: <b>16cm<sup>2</sup></b> Total: <b>45cm<sup>2</sup></b>
5	Area a: <b>9cm<sup>2</sup></b> Area b: <b>10cm<sup>2</sup></b> Total: <b>19cm<sup>2</sup></b>	10 Area a: <b>16cm<sup>2</sup></b> Area b: <b>12cm<sup>2</sup></b> Area c: <b>15cm<sup>2</sup></b> Total: <b>43cm<sup>2</sup></b>



Question	Answer	
Identify the shapes where the area can be calculated. Calculate the area of each compound shape.		
1	Total: <b>42cm<sup>2</sup></b>	6 Total: <b>96cm<sup>2</sup></b>
2	Total: <b>35cm<sup>2</sup></b>	7 Total: <b>57cm<sup>2</sup></b>
3	Total: <b>38cm<sup>2</sup></b>	8 Total: <b>88cm<sup>2</sup></b>
4	Total: <b>42cm<sup>2</sup></b>	9 Total: <b>94cm<sup>2</sup></b>
5	Total: <b>38cm<sup>2</sup></b>	10 Total: <b>104cm<sup>2</sup></b>



Question	Answer	
Identify the shapes where the area can be calculated. Calculate the area of each compound shape.		
1	Total: <b>105m<sup>2</sup></b>	3 Total: <b>59m<sup>2</sup></b>
2	Total: <b>98m<sup>2</sup></b>	4 Total: <b>71m<sup>2</sup></b>