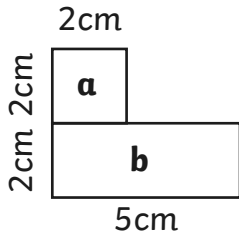


# Area of Compound Shapes

I can calculate the area of compound shapes.

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

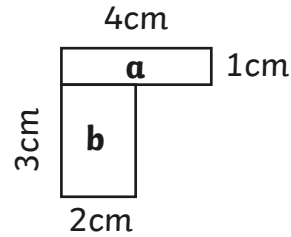
1.



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

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

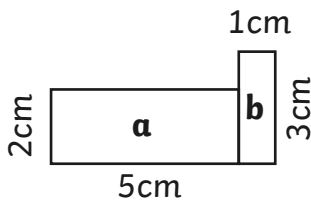
2.



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

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

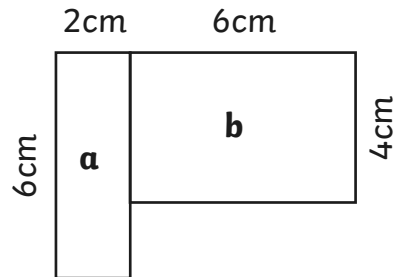
3.



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

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

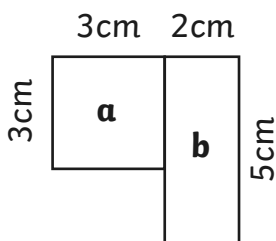
4.



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

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

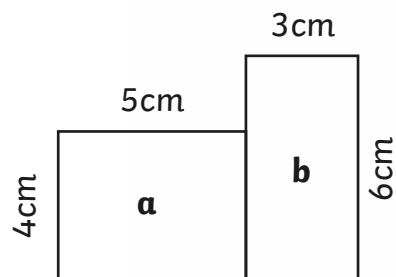
5.



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

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

6.



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

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

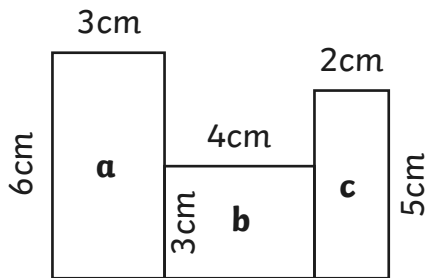
Note: Compound shapes are not to scale.

# Area of Compound Shapes

I can calculate the area of compound shapes.

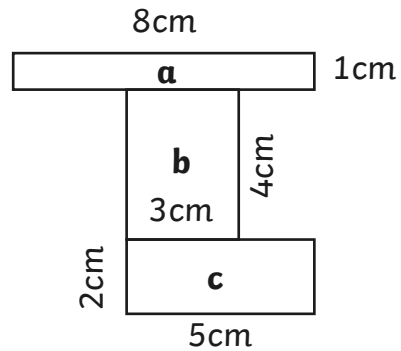
Calculate the area of each rectangle, then calculate the area of the whole compound shape.

7.



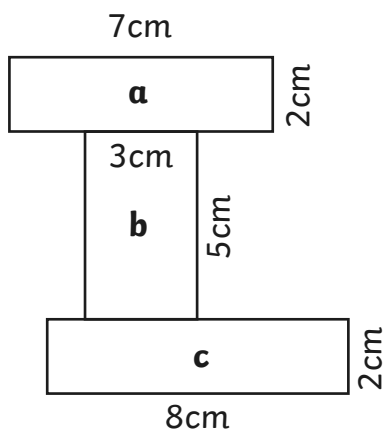
Area a: \_\_\_\_\_  $\text{cm}^2$       Area c: \_\_\_\_\_  $\text{cm}^2$   
 Area b: \_\_\_\_\_  $\text{cm}^2$       Total: \_\_\_\_\_  $\text{cm}^2$

8.



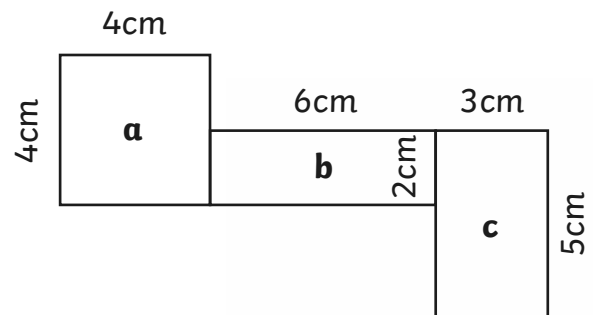
Area a: \_\_\_\_\_  $\text{cm}^2$       Area c: \_\_\_\_\_  $\text{cm}^2$   
 Area b: \_\_\_\_\_  $\text{cm}^2$       Total: \_\_\_\_\_  $\text{cm}^2$

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: \_\_\_\_\_  $\text{cm}^2$

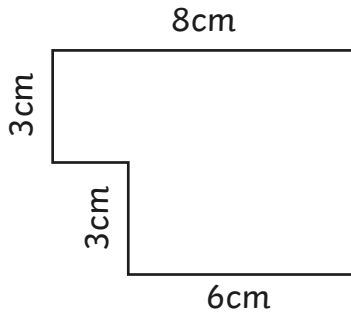
Note: Compound shapes are not to scale.

# Area of Compound Shapes

I can calculate the area of compound shapes.

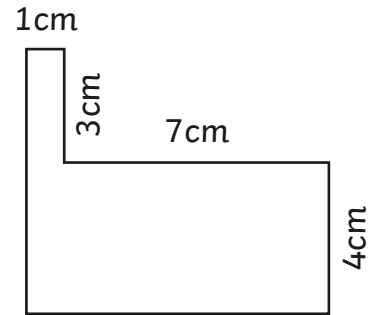
Identify the shapes where the area can be calculated. Calculate the area of each compound shape.

1.



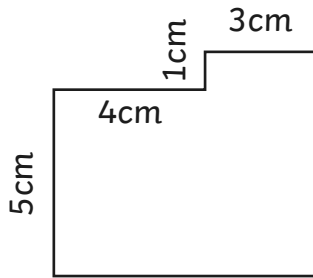
Total: \_\_\_\_\_

2.



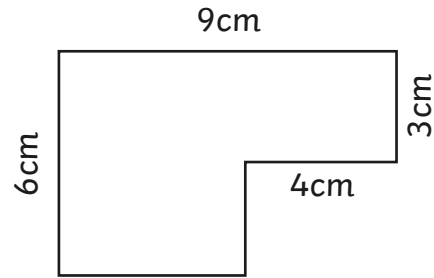
Total: \_\_\_\_\_

3.



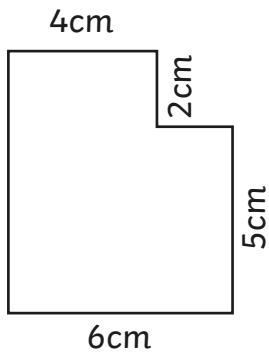
Total: \_\_\_\_\_

4.



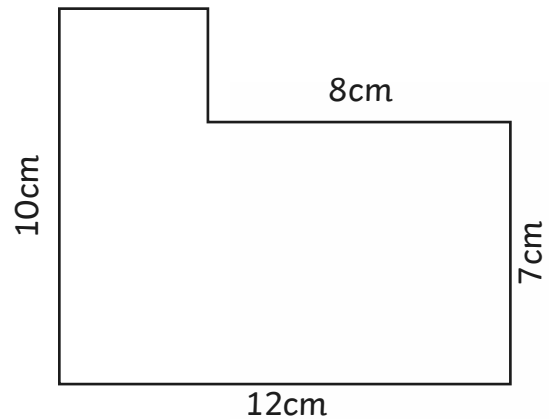
Total: \_\_\_\_\_

5.



Total: \_\_\_\_\_

6.



Total: \_\_\_\_\_

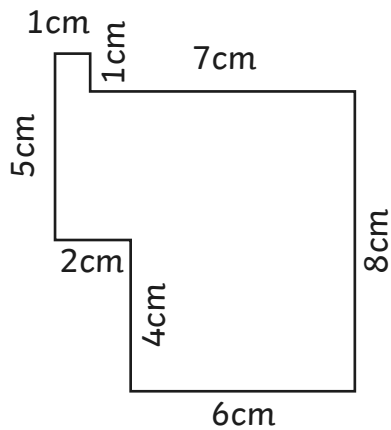
Note: Compound shapes are not to scale.

# Area of Compound Shapes

I can calculate the area of compound shapes.

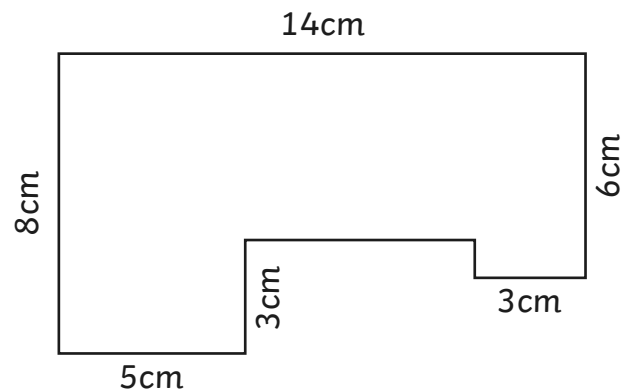
Identify the shapes where the area can be calculated. Calculate the area of each compound shape.

7.



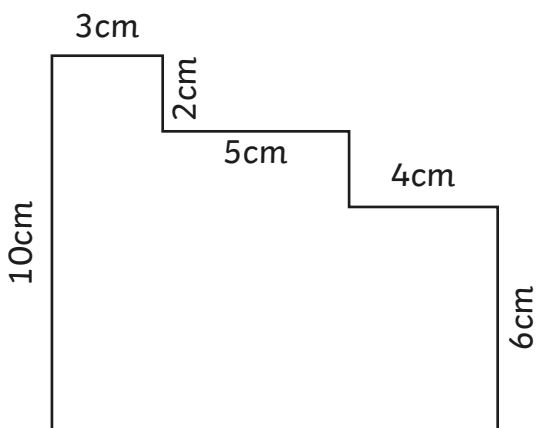
Total: \_\_\_\_\_

8.



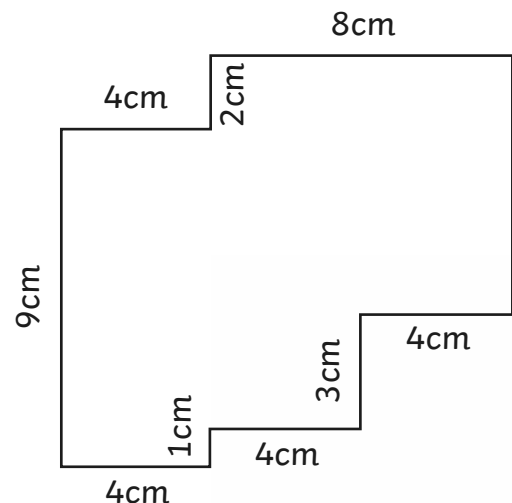
Total: \_\_\_\_\_

9.



Total: \_\_\_\_\_

10.



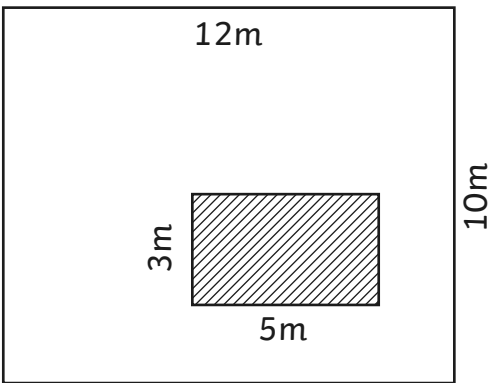
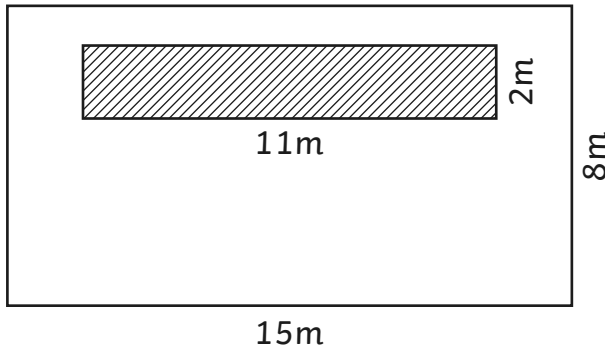
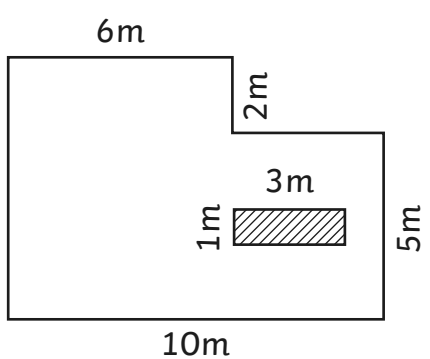
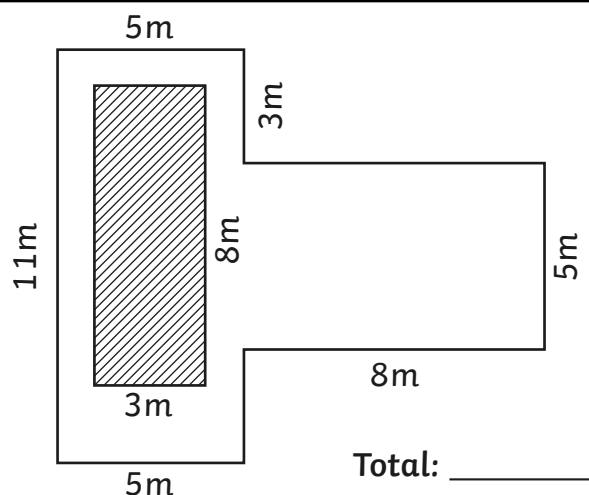
Total: \_\_\_\_\_

Note: Compound shapes are not to scale.

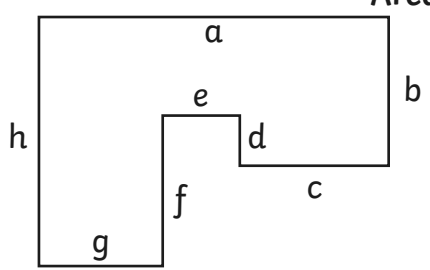
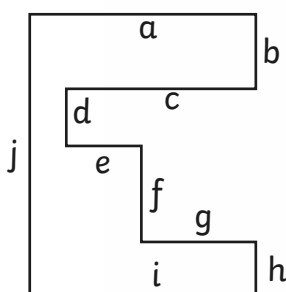
# Area of Compound Shapes

I can calculate the area of compound shapes.

Identify the shapes where the area can be calculated. Calculate the area of each compound shape.

<p>1.</p>  <p style="text-align: right;">Total: _____</p>	<p>2.</p>  <p style="text-align: right;">Total: _____</p>
<p>3.</p>  <p style="text-align: right;">Total: _____</p>	<p>4.</p>  <p style="text-align: right;">Total: _____</p>

Write possible measurements for these shapes based upon the area given.

<p>5. <span style="float: right;">Area: <math>98\text{m}^2</math></span></p>  <p>a: _____ b: _____ c: _____ d: _____            e: _____ f: _____ g: _____ h: _____</p>	<p>6. <span style="float: right;">Area: <math>120\text{m}^2</math></span></p>  <p>a: _____ b: _____ c: _____ d: _____ e: _____            f: _____ g: _____ h: _____ i: _____ j: _____</p>
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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>	4	Total: <b>71m<sup>2</sup></b>
2	Total: <b>98m<sup>2</sup></b>	5	a: <b>14m</b> b: <b>6m</b> c: <b>6m</b> d: <b>2m</b> e: <b>3m</b> f: <b>6m</b> g: <b>5m</b> h: <b>10m</b>
3	Total: <b>59m<sup>2</sup></b>	6	a: <b>12m</b> b: <b>4m</b> c: <b>10m</b> d: <b>3m</b> e: <b>4m</b> f: <b>5m</b> g: <b>6m</b> h: <b>3m</b> i: <b>12m</b> j: <b>15m</b>