Finding the Area

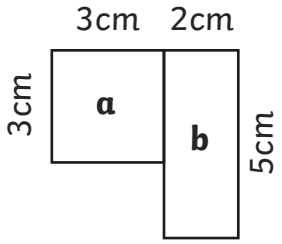
Amazing Fact

One of the more obscure measurements in general use is a 'Wales' – a measurement used to describe a land area equivalent in size to Wales. England measures 6.275 Wales, while France measures 25 Wales.

Challenge

Find the area of the shapes below by first calculating the area of each rectangle then calculating the area of the whole rectilinear shape.

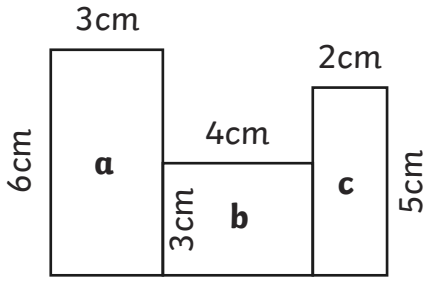
1.



Area a: _____ cm^2

Area b: _____ cm^2 **Total:** _____ cm^2

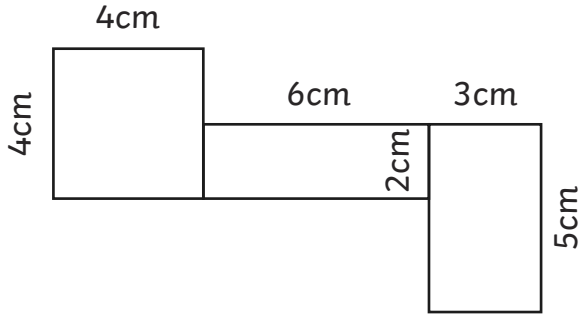
2.



Area a: _____ cm^2 **Area c:** _____ cm^2

Area b: _____ cm^2 **Total:** _____ cm^2

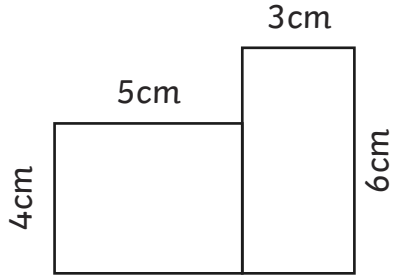
3.



Area a: _____ cm^2 **Area c:** _____ cm^2

Area b: _____ cm^2 **Total:** _____ cm^2

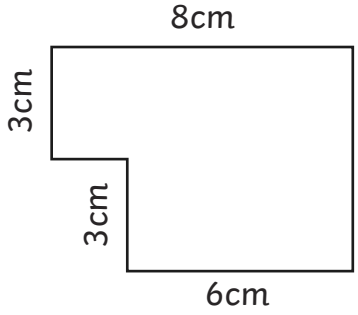
4.



Area a: _____ cm^2

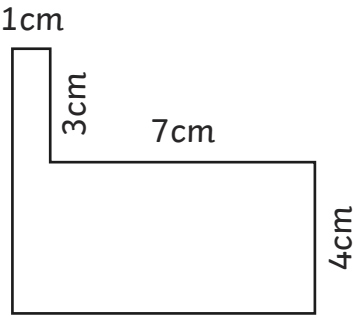
Area b: _____ cm^2 **Total:** _____ cm^2

5.



Total: _____

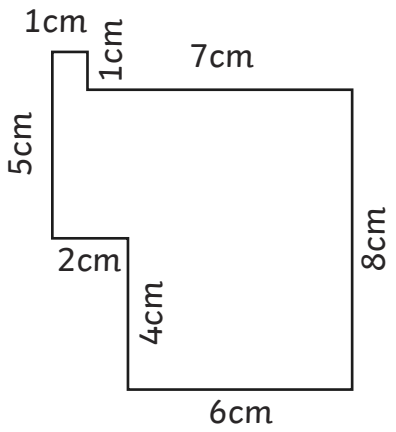
6.



Total: _____

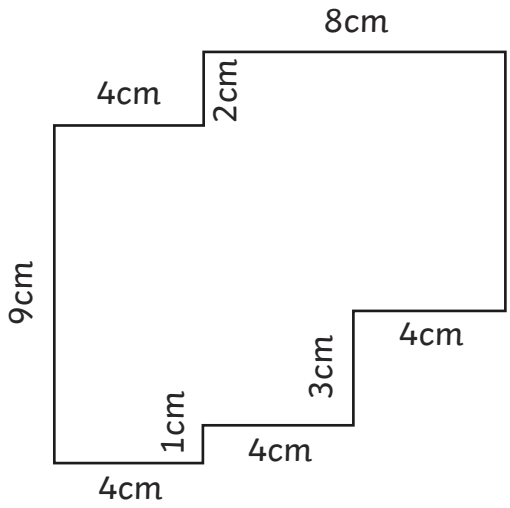
Finding the Area

7.



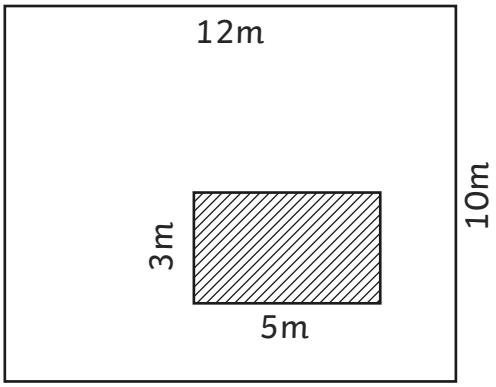
Total: _____

8.



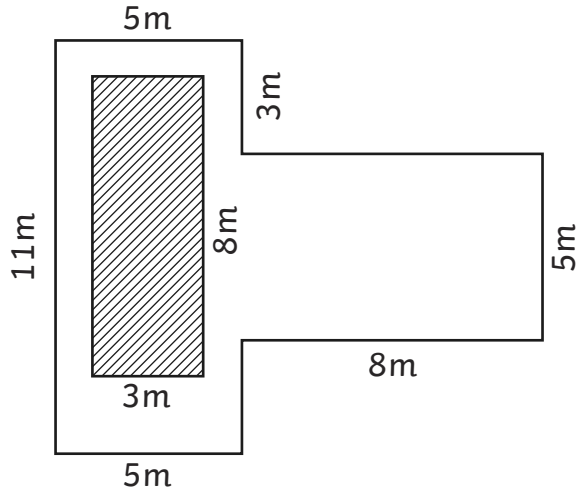
Total: _____

9.



Total: _____

10.



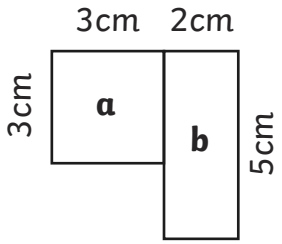
Total: _____

You could also try to find out:

- what a kilowales is;
- about other unusual units of measurement;
- how the metric system was first devised;
- which countries don't use the metric system.

Finding the Area **Answers**

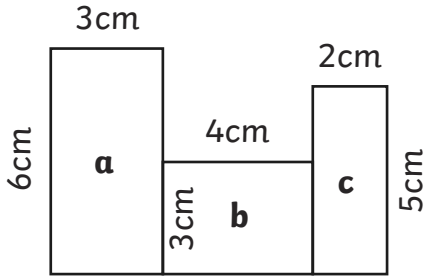
1.



Area a: **9cm²**

Area b: **10cm²** Total: **19cm²**

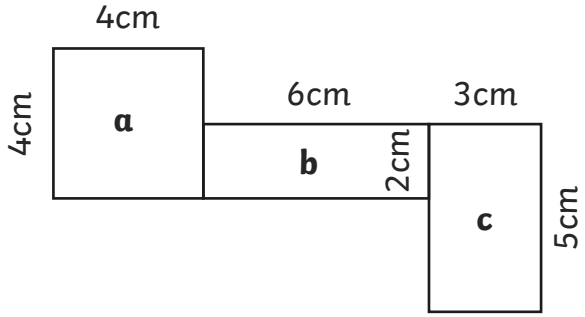
2.



Area a: **18cm²** Area c: **10cm²**

Area b: **12cm²** Total: **40cm²**

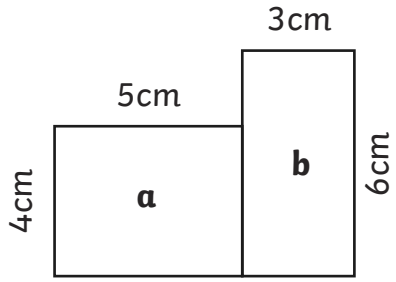
3.



Area a: **16cm²** Area c: **15cm²**

Area b: **12cm²** Total: **43cm²**

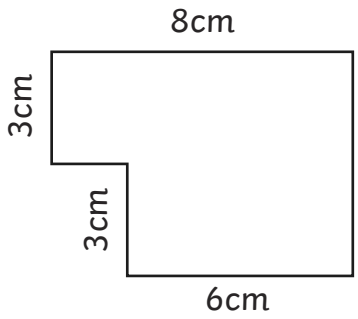
4.



Area a: **20cm²**

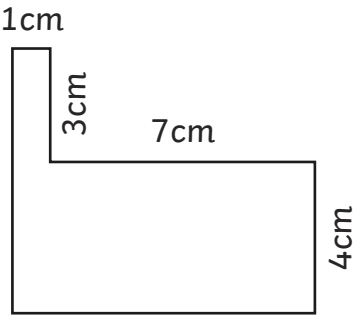
Area b: **18cm²** Total: **38cm²**

5.



Total: **42cm²**

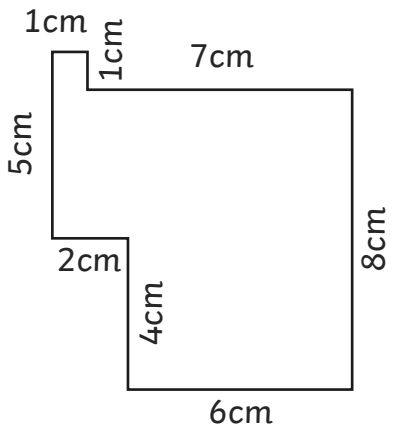
6.



Total: **35cm²**

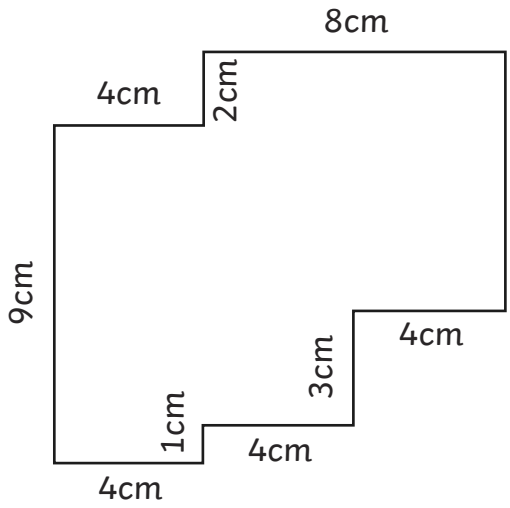
Finding the Area **Answers**

7.



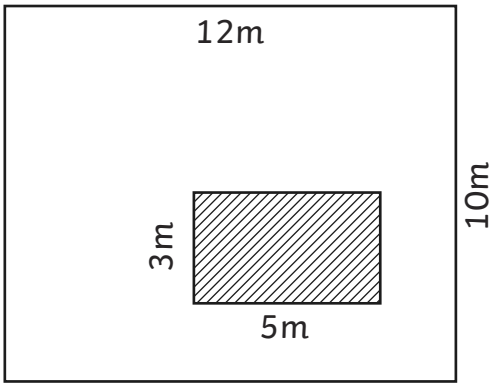
Total: **57cm²**

8.



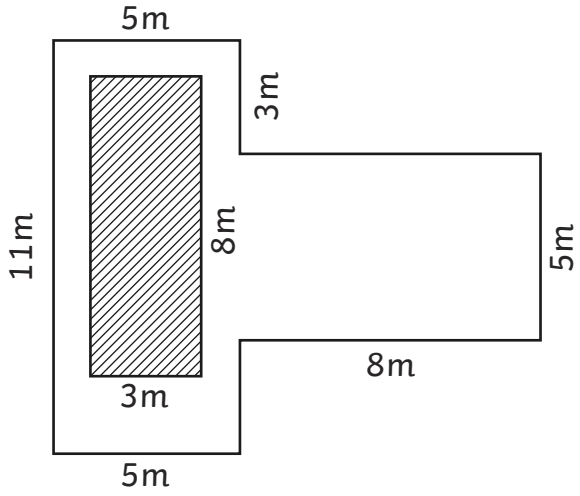
Total: **104cm²**

9.



Total: **105m²**

10.



Total: **71m²**