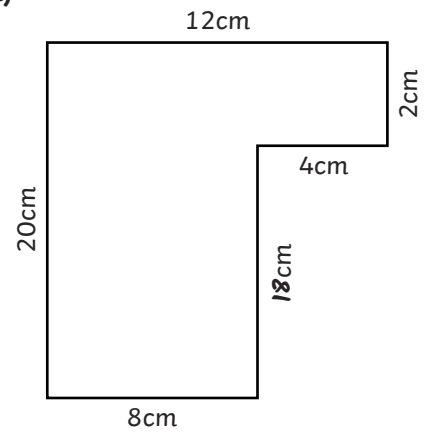
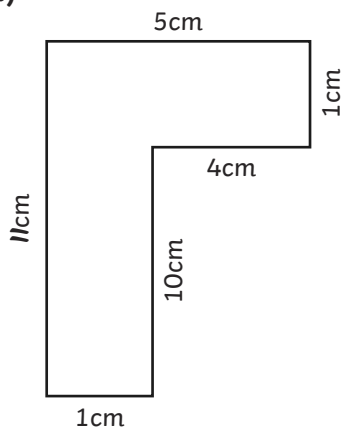
1) a)



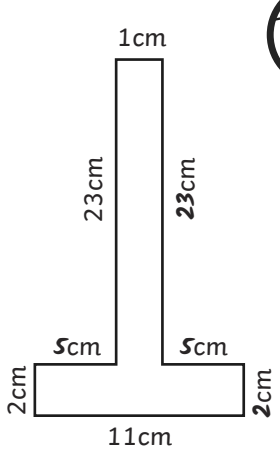
Perimeter = **64cm**

b)



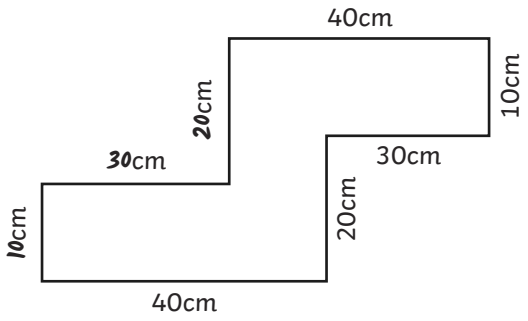
Perimeter = **32cm**

c)



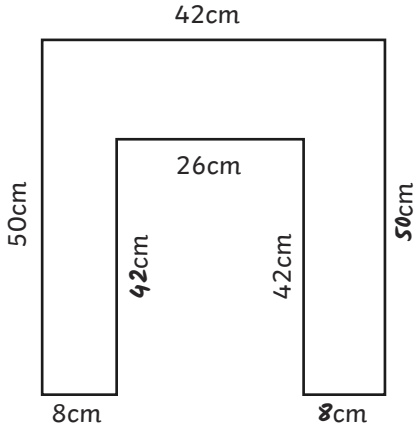
Perimeter = **72cm**

d)



Perimeter = **200cm or 2m**

e)



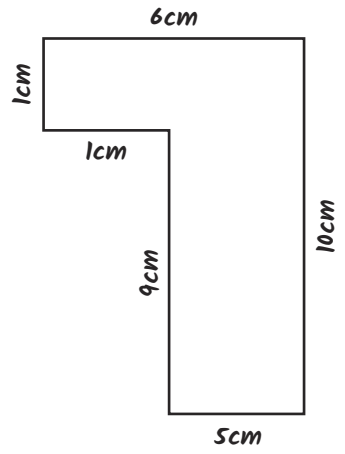
Perimeter = **268cm or 2m 68cm**

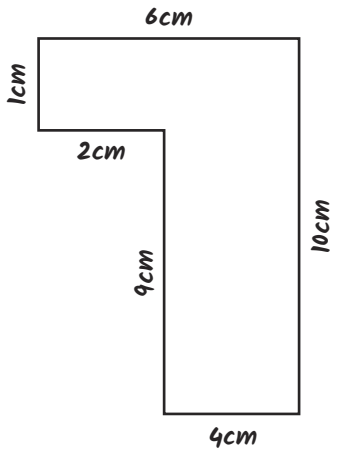
2) **Multiple answers are possible. Accept any rectilinear shapes drawn with the correct measurements and a total perimeter of 20cm.**

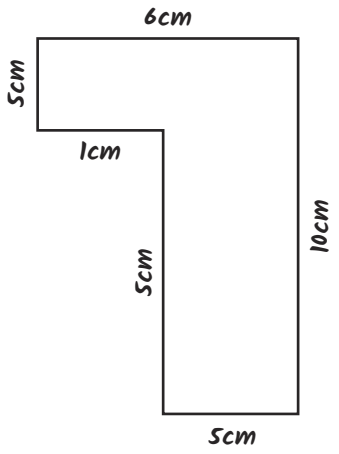
1) **All the strategies will work. The side at the bottom of the shape has a value of 18cm. The opposite sides should therefore also make a total of 18cm. All the number sentences and models and images show this. In order to work out the missing value, the calculation would be 18cm – 7cm, which is shown by all the strategies suggested. The missing value is 11cm.**

2) **Solange has only added up the measurements of five of the sides – she has missed one out by mistake. The correct perimeter with all the sides added up is 120cm.**

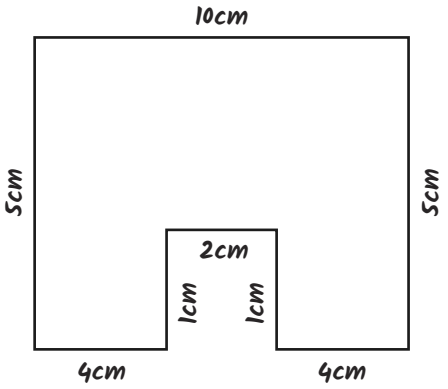
1) a) Multiple answers are possible. Here are three possible solutions (not to scale).

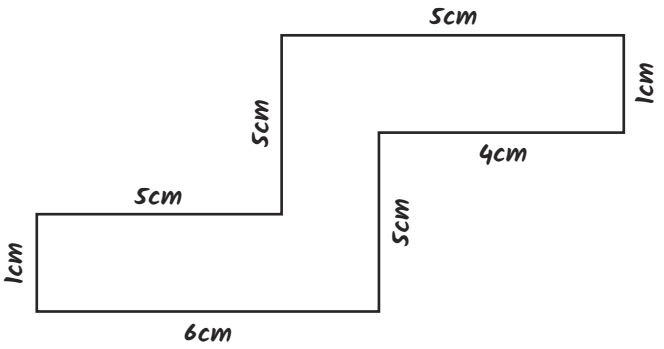






b) Multiple answers are possible. Here are two possible solutions (not to scale).





2) The width of each rectangle is 4cm.
To find the length of one rectangle, we multiply 4cm by 6: 4cm x 6 = 24cm

To find the length of one of the sides of the square inside, we subtract the width of one rectangle from the length of one rectangle: 24cm – 4cm = 20cm

20cm x 4 = 80cm

The square inside the shape has a perimeter of 80cm.