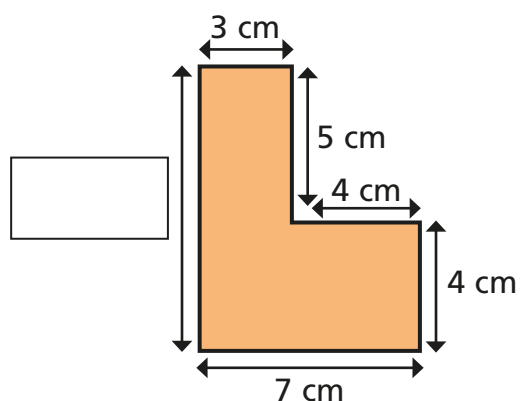


Calculate the perimeter and area of compound shapes (1)

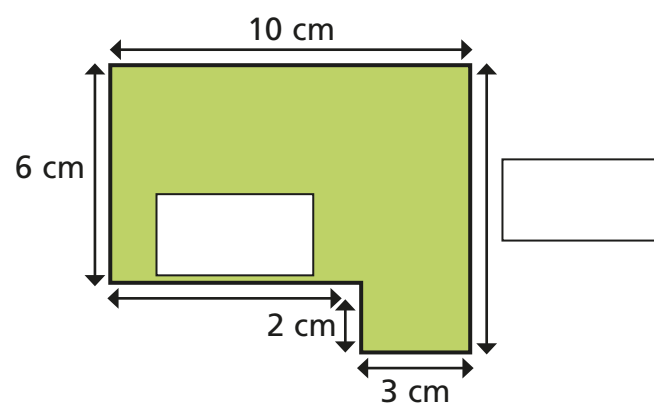
1 Work out the unknown lengths and then find the perimeter of each shape.

a)



perimeter = cm

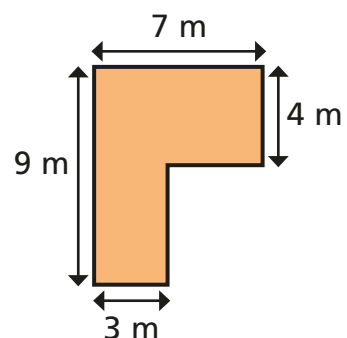
b)



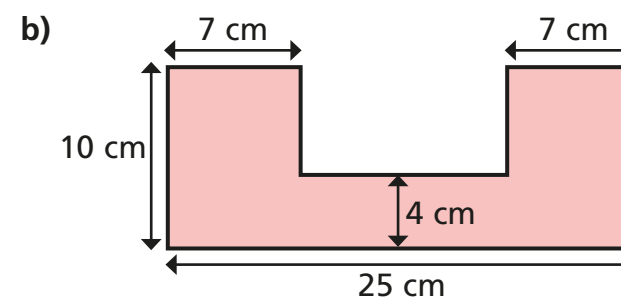
perimeter = cm

2 Work out the area of each shape.

a)

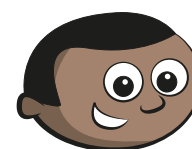


area = m²



area = cm²

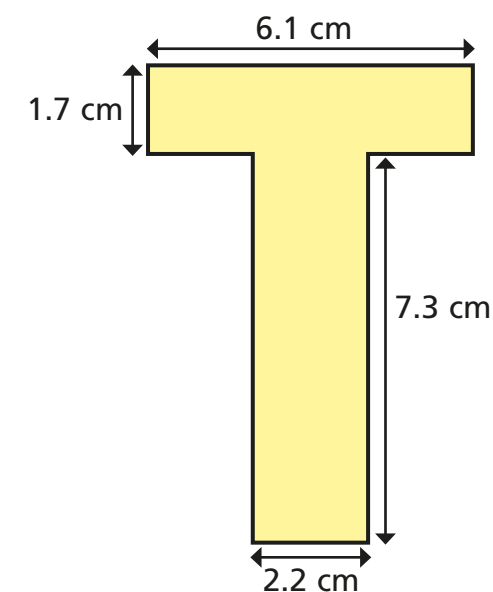
3



You can't work out the perimeter of this shape as you don't know the lengths of all the sides.

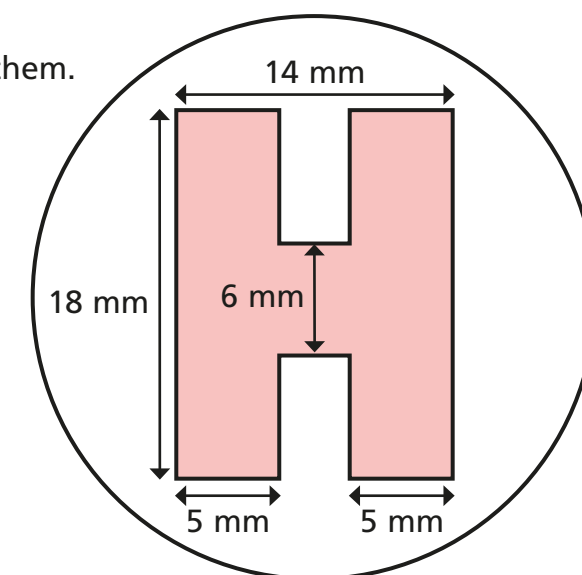
Is Mo correct? _____

Explain your answer.



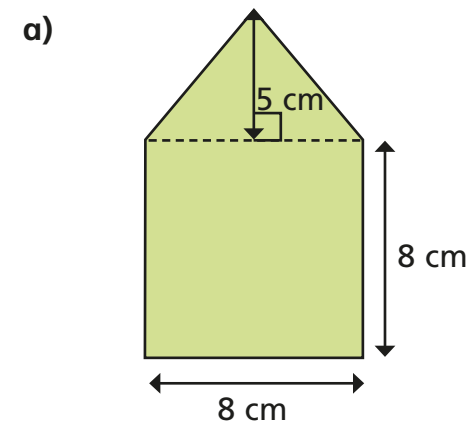
4

Some stickers have the letter H on them. What is the area of the letter H?

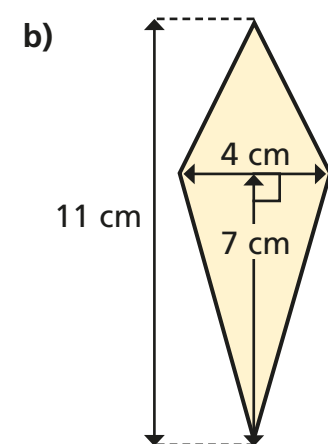


mm²

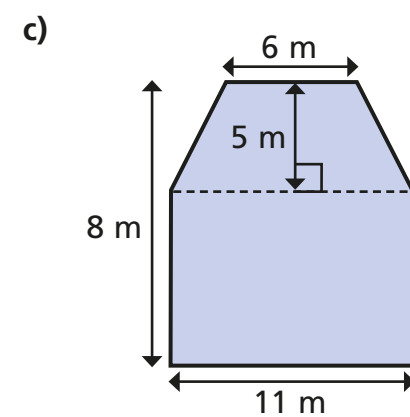
5 Find the area of each compound shape.



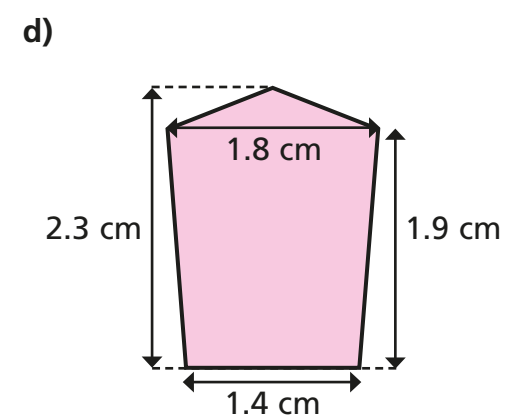
cm²



cm²



m²

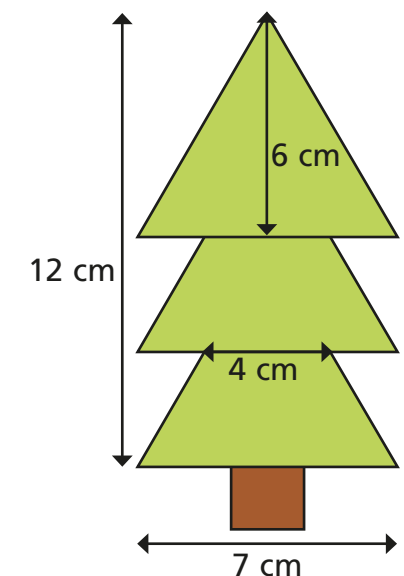


cm²

6 Dani makes a picture of a tree.

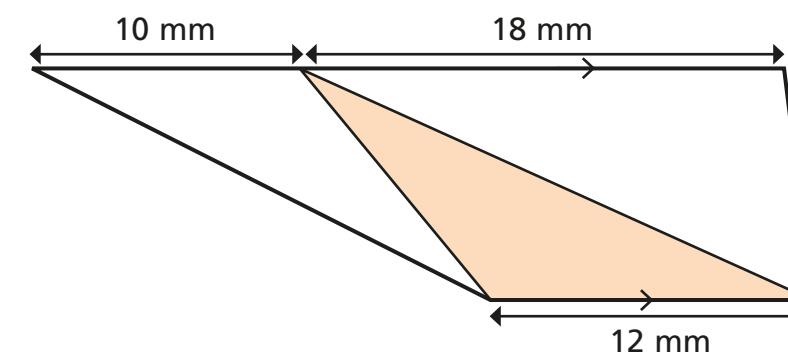
The tree is made up of a green triangle, two congruent green trapeziums and a brown square.

Find the area of the green part of the tree.



cm²

7 What fraction of the shape is shaded?



8 Which hexagon has the greatest area?

