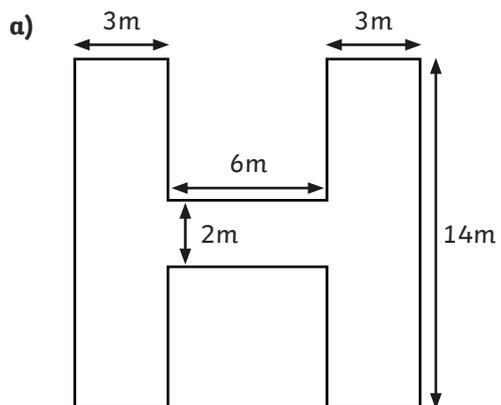
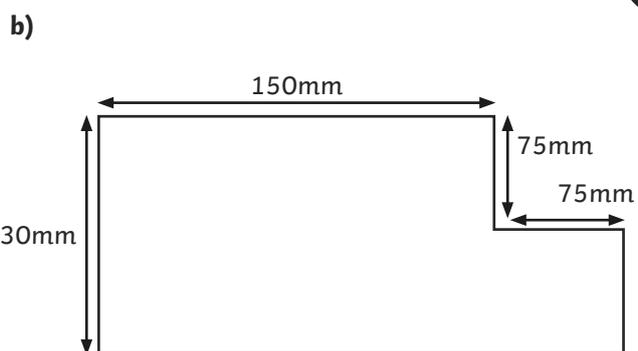




1) Find the area of the following shapes.

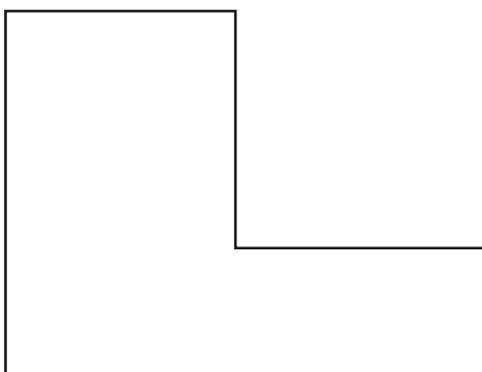


area = \_\_\_\_\_



area = \_\_\_\_\_

2) Use a ruler to draw on the ways you could split this shape to work out its area.

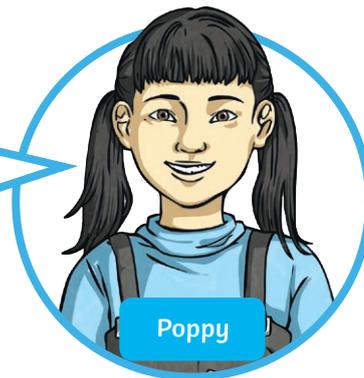


1) Draw 3 different compound shapes, each with an area of  $45\text{cm}^2$ .



2)

The only way of finding the area of a compound shape is to split it into smaller rectangles, find their areas, then add them together?



Do you agree with her?  
Explain your answer:

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1) Ianto wants to calculate the area of this shape.

a) He says, "It is impossible to work out the area of this shape without more measurements." Is he right?

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Prove it!

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b) Investigate how many more measurements Ianto needs in order to find the area.

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c) If the total area is  $107\text{cm}^2$ , what could the missing lengths be?

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