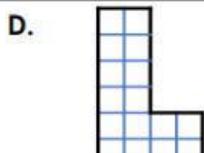
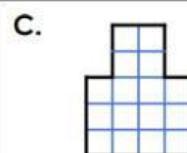
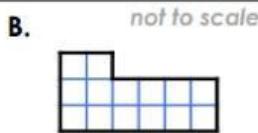
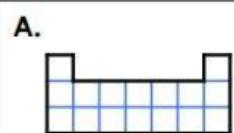




# Area and Perimeter

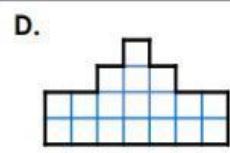
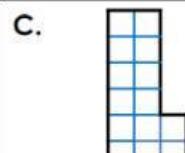
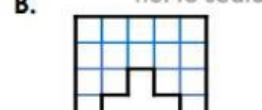
## Shapes with same area

9a. Circle the shapes with an area of  $20\text{cm}^2$ .



$\square = 1.25\text{cm}^2$

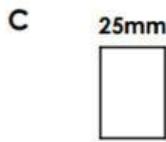
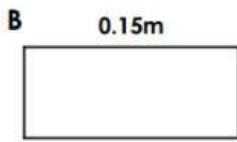
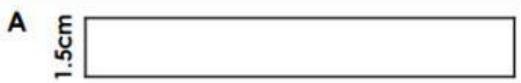
9b. Circle the shapes with an area of  $2.7\text{cm}^2$ .



$\square = 15\text{mm}^2$

VF

12a. All of these rectangles have an area of  $75\text{cm}^2$ . Complete the missing lengths.



Complete the missing lengths.



not to scale

VF

12b. All of these rectangles have an area of  $60\text{cm}^2$ . Complete the missing lengths.



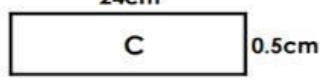
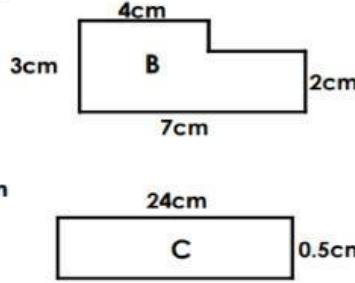
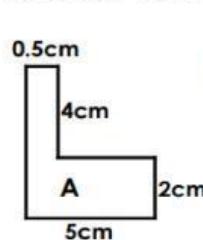
Complete the missing lengths.



not to scale

VF

5a. True or false? All of these shapes have the same area.



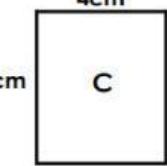
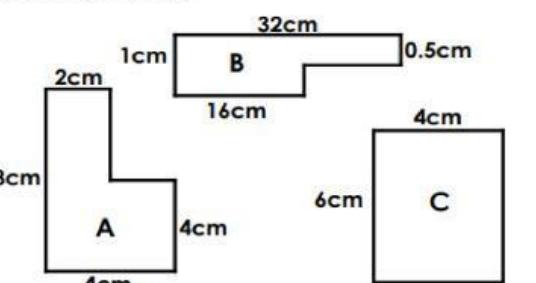
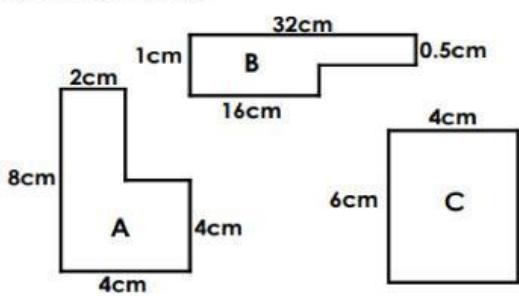
Explain your answer.



not to scale

R

5b. True or false? All of these shapes have the same area.



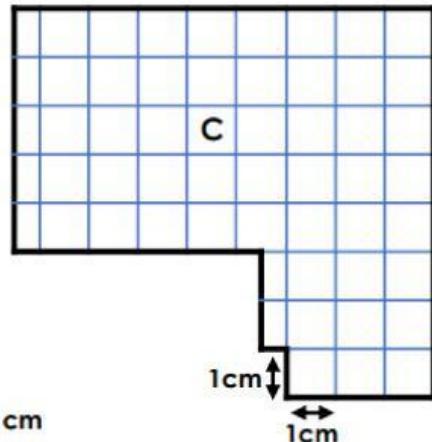
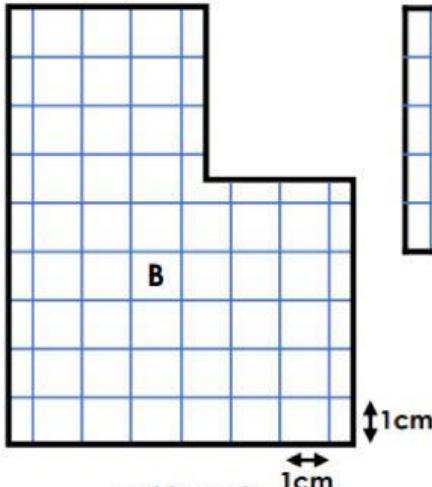
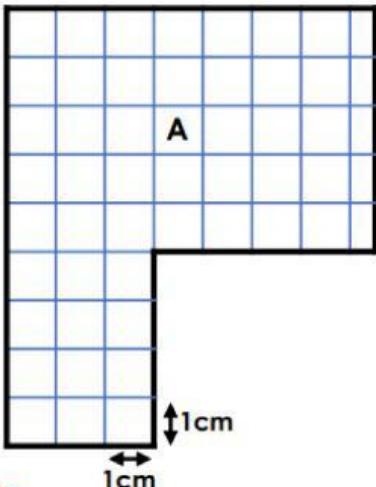
Explain your answer.



not to scale

R

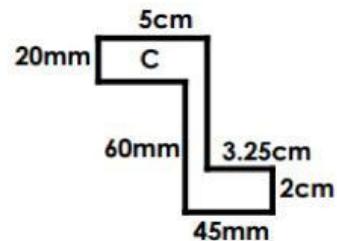
8. Tick the two shapes that have the same area. What is their area?



VF  
HW/Ext

9. Aleena has sorted shapes into a table.

Area is $24\text{cm}^2$	Area is not $24\text{cm}^2$
<p>Shape A: A 6x4 grid of squares. A 2x2 square is cut out from the bottom-left corner. The base is labeled 1cm and the height is labeled 1cm.</p>	<p>Shape B: A 6x4 grid of squares. A 2x2 square is cut out from the top-right corner. The base is labeled 1cm and the height is labeled 1cm. The text "not to scale" is written below the shape.</p>



Is she correct? Prove it.

Where would shape C go in the table?



not to scale

RPS  
HW/Ext