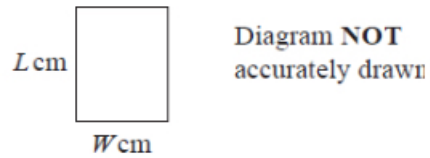


Dr Oliver Mathematics  
Worked Examples  
Length 1

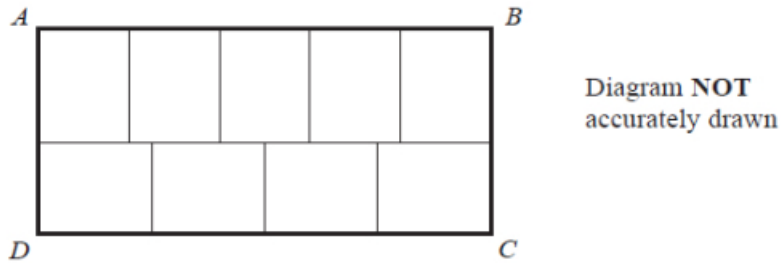
From: Edexcel GCSE Mathematics (9-1) Practice Tests Set 18: Paper 2H/3H

1. Yasmin has some identical rectangular tiles.  
Each tile is  $L$  cm by  $W$  cm.

(5)



Using 9 of her tiles, Yasmin makes rectangle  $ABCD$ , shown in the diagram below.



The area of  $ABCD$  is  $1620 \text{ cm}^2$ .

Work out the value of  $L$  and the value of  $W$ .