

Ratio and Proportion



Scale Drawing

1. Fill in the blanks to correctly complete the statements.

If 6 cm represents 1 m on a scale drawing, then:

12 cm represents ☐ m

18 cm represents ☐ m

3 cm represents ☐ m

60 cm represents ☐ m

If 8 cm represents 1 m on a scale drawing, then:

2 m is represented by ☐ cm

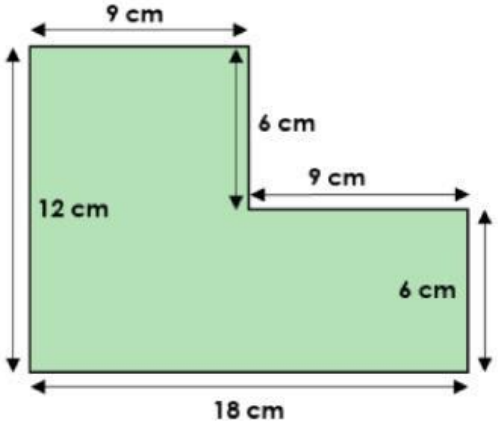
4 m is represented by ☐ cm

10 m is represented by ☐ cm

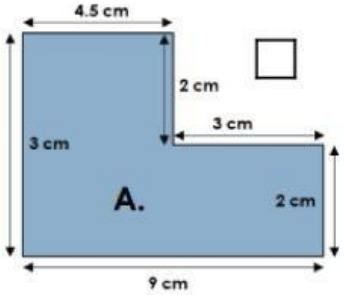
0.25 m is represented by ☐ cm

VF

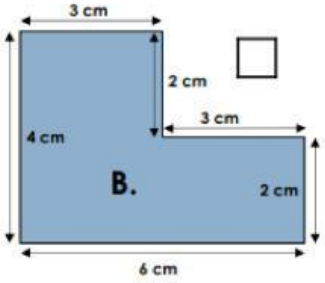
2. Tick the scale drawings that match the original shape.



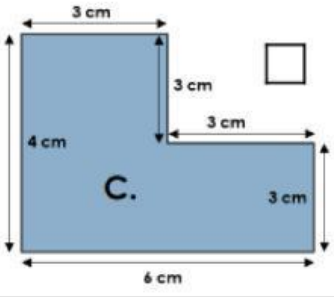
original shape



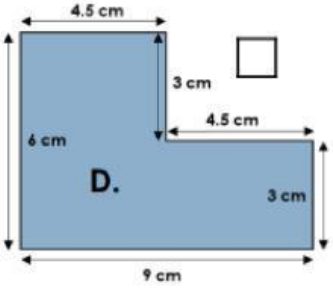
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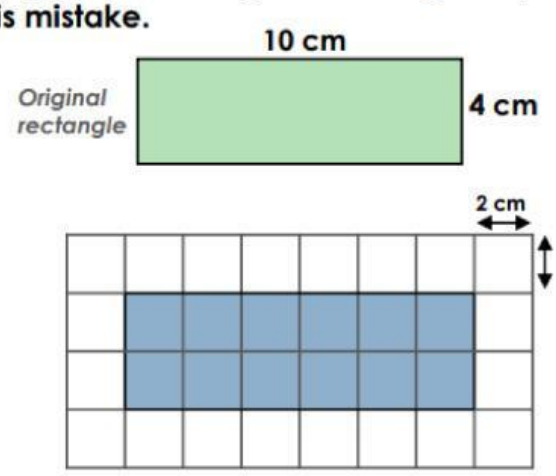


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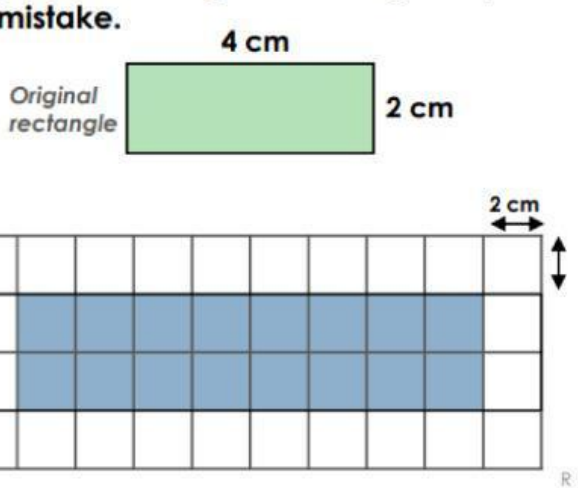
VF

LIVEWORKSHEETS

2a. Aarav thinks he's drawn a scale diagram of the original rectangle. Explain his mistake.



2b. Nadia thinks she's drawn a scale diagram of the original rectangle. Explain her mistake.



3. The children are discussing the original shape and the scale drawing below. Explain who is correct and who is incorrect.



Subhan

Each square represents 4 cm because 24 and 16 are both divisible by 4.



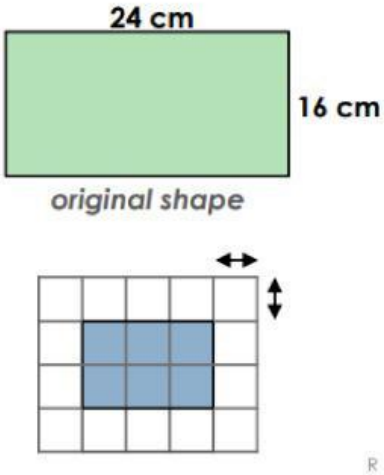
Safa

I can use division to work out what each square represents.



Stella

Dividing 24 by 3 small squares will tell me the measurement each square represents.



LIVEWORKSHEETS