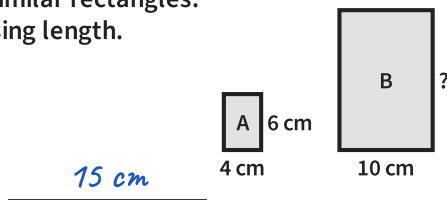


Similar shapes: missing lengths

Exit ticket ANSWERS Name _____

- 1 A and B are similar rectangles.
Find the missing length.



- 2 Rectangle B is 24 cm by 36 cm. Rectangle A is similar to B, and its shorter side is 6 cm. Find its longer side.

9 cm

- 3 Rectangle P is 4 cm by 6 cm. Rectangle Q is 6 cm by 8 cm. Zara says they are similar. Is she right? Explain.

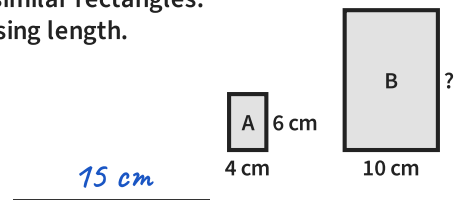
No: $4 \times 1.5 = 6$ but $6 \times 1.5 = 9$, not 8

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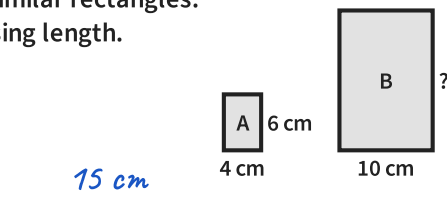
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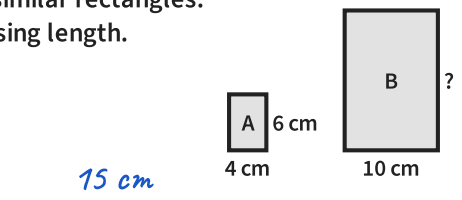
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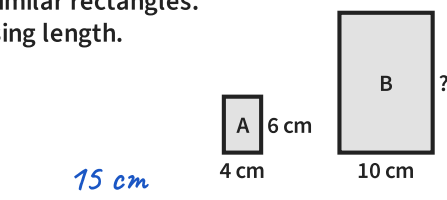
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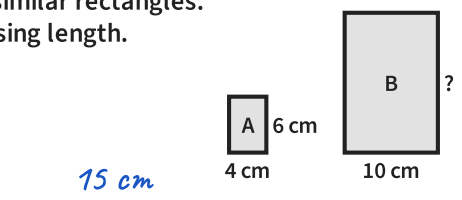
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