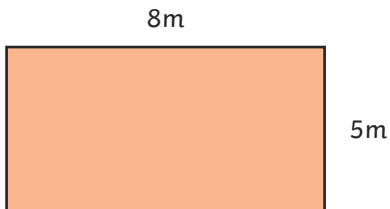


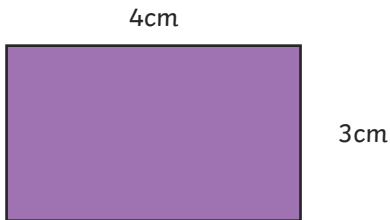
- 1) Calculate the perimeter of each rectangle.
The rectangles are not drawn to scale.



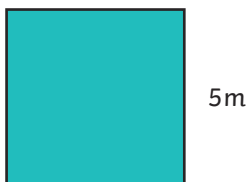
$$\underline{\quad} \text{ cm} + \underline{\quad} \text{ cm} + \underline{\quad} \text{ cm} + \underline{\quad} \text{ cm} = \underline{\quad} \text{ cm}$$



$$\underline{\quad} \text{ m} + \underline{\quad} \text{ m} + \underline{\quad} \text{ m} + \underline{\quad} \text{ m} = \underline{\quad} \text{ m}$$

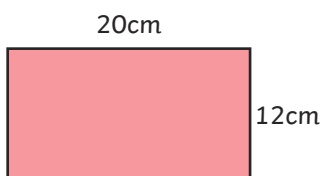
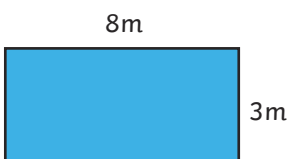


$$\underline{\quad} \text{ cm} + \underline{\quad} \text{ cm} + \underline{\quad} \text{ cm} + \underline{\quad} \text{ cm} = \underline{\quad} \text{ cm}$$

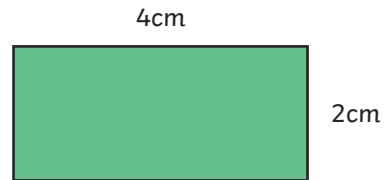


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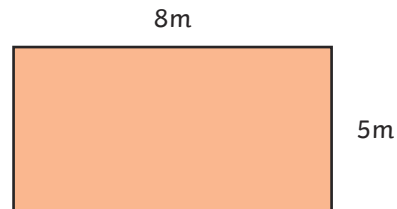
- 2) Add the length and width together and multiply by 2 to calculate the perimeter of each rectangle. Show your working out.



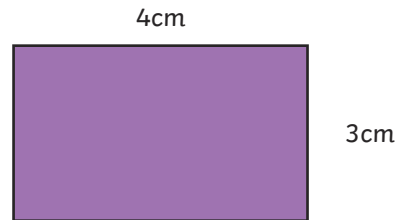
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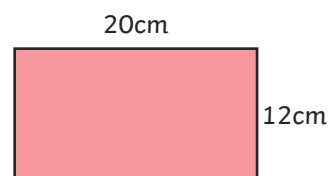
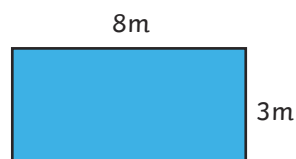


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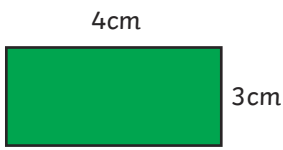
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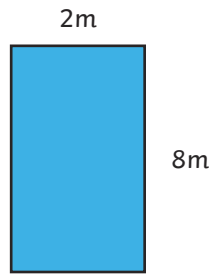
Sami is calculating the perimeters of different shapes.



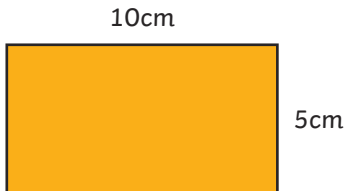
- 1) Look at his calculations. Which are correct? Can you explain why? Can you explain the mistakes and find the correct answers?



$$4\text{cm} \times 2 = 8\text{cm}$$



$$2 \times 8 = 16\text{m}$$



$$10\text{cm} + 5\text{cm} = 15\text{cm}$$

$$15\text{cm} \times 2 = 30\text{cm}$$

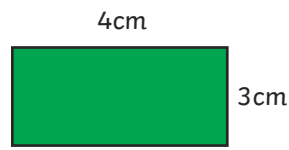
- 2) The perimeter of a rectangle is 18cm. One of its sides is 6cm. Draw the shape below and label all the sides with the correct measurements.

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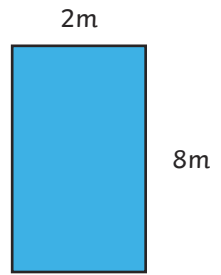
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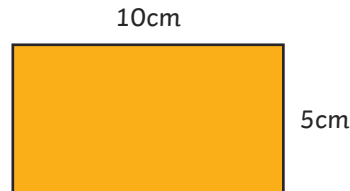
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- 1) A rectangle has a perimeter of 36m.

The length of each side is a whole number. What could the length and the width of the rectangle be? Find all the possibilities.



- 2) Aiden measures the perimeter of his classroom. He notices the classroom is 1m wider than it is long. The perimeter of the classroom is between 20 and 35m. The length of each side is a whole number.

What could the dimensions of the room be? Find four different possibilities.

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