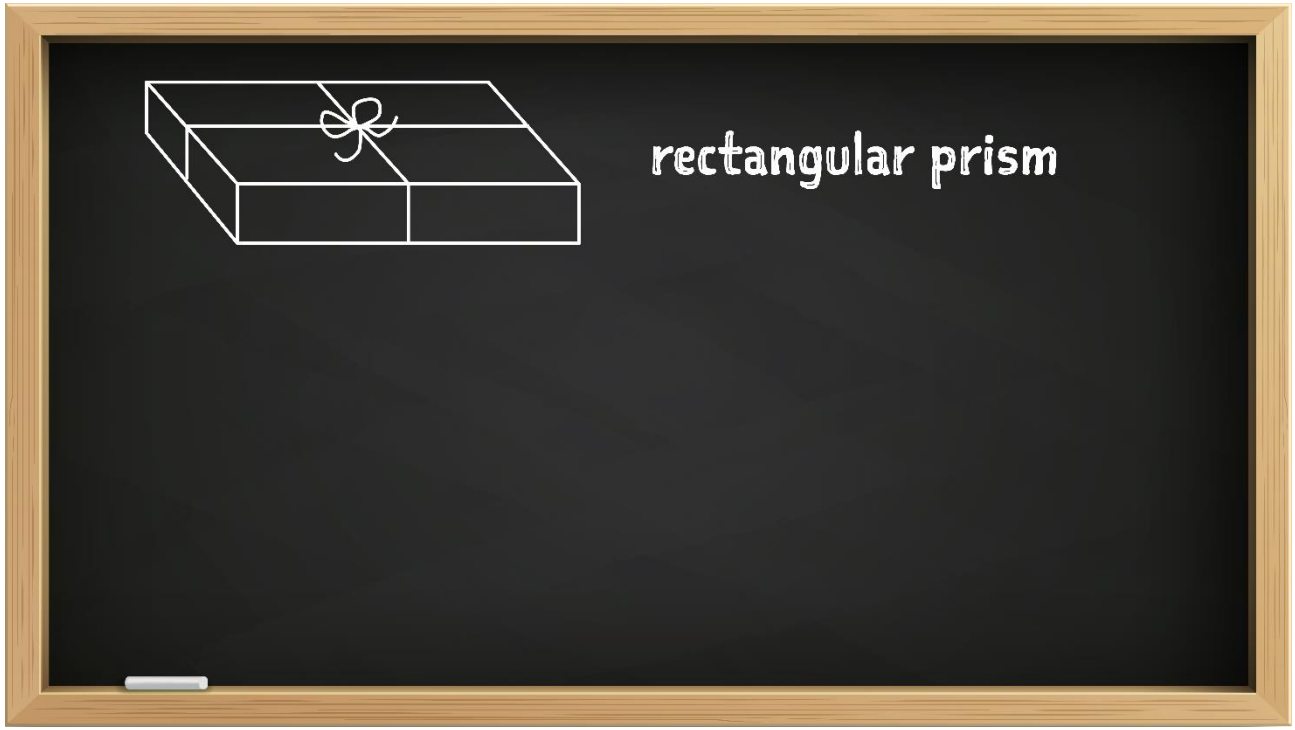
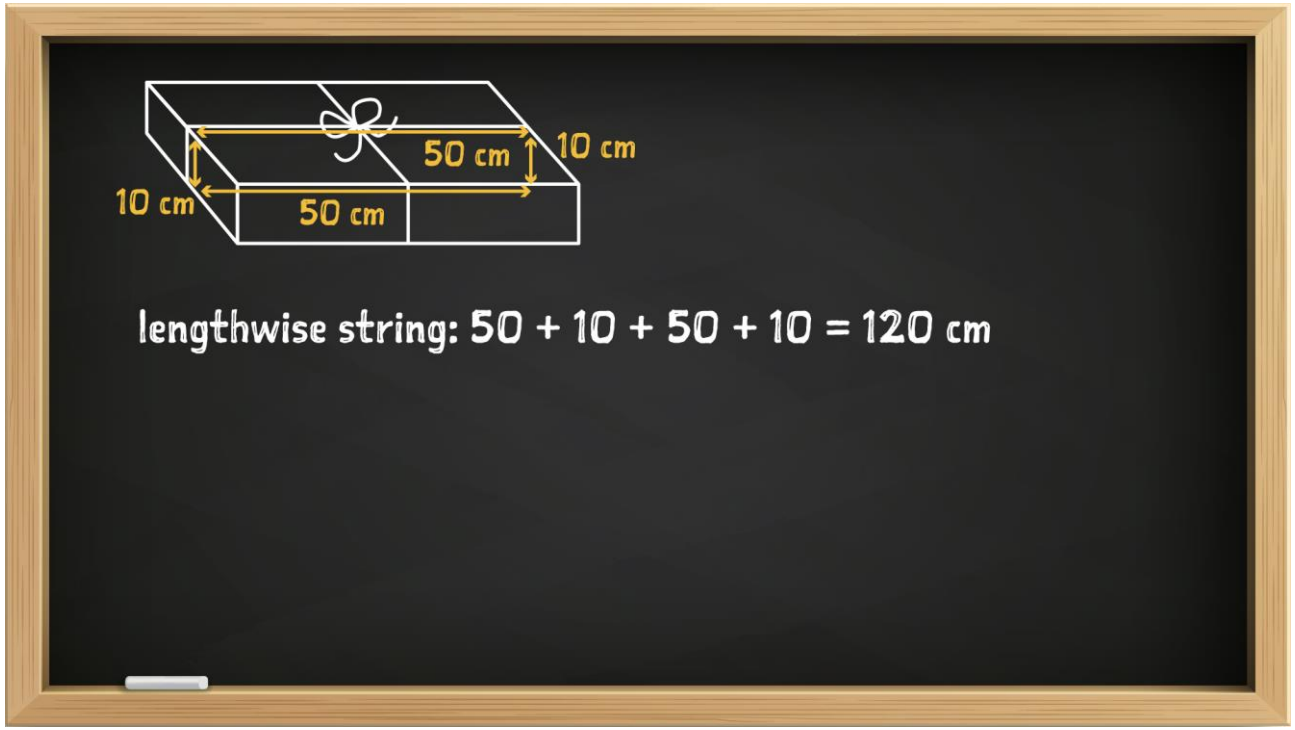
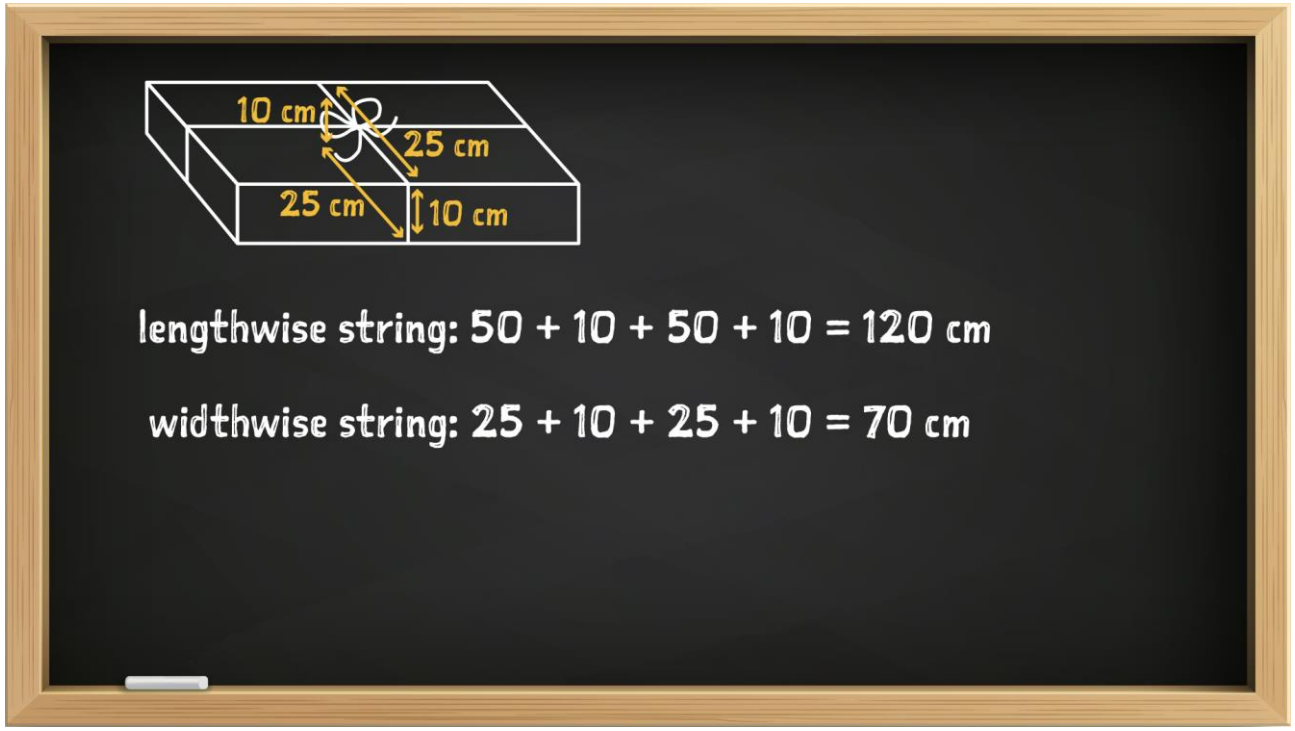
Maths in Action: Solution to Problem 1

Transcript	*Working*
This is the box of books from the question. Do you remember the name for this shape? It's a rectangular prism.	

Transcript	*Working*
To solve this problem, we can add up the string needed around the box lengthwise, which is: fifty centimetres plus ten centimetres plus fifty centimetres plus ten centimetres again, which equals a hundred and twenty centimetres.	

Transcript	*Working*
Then we add up the string needed around the box widthwise which is: twenty-five centimetres plus ten centimetres plus again twenty-five centimetres and ten centimetres, which equals seventy centimetres.	

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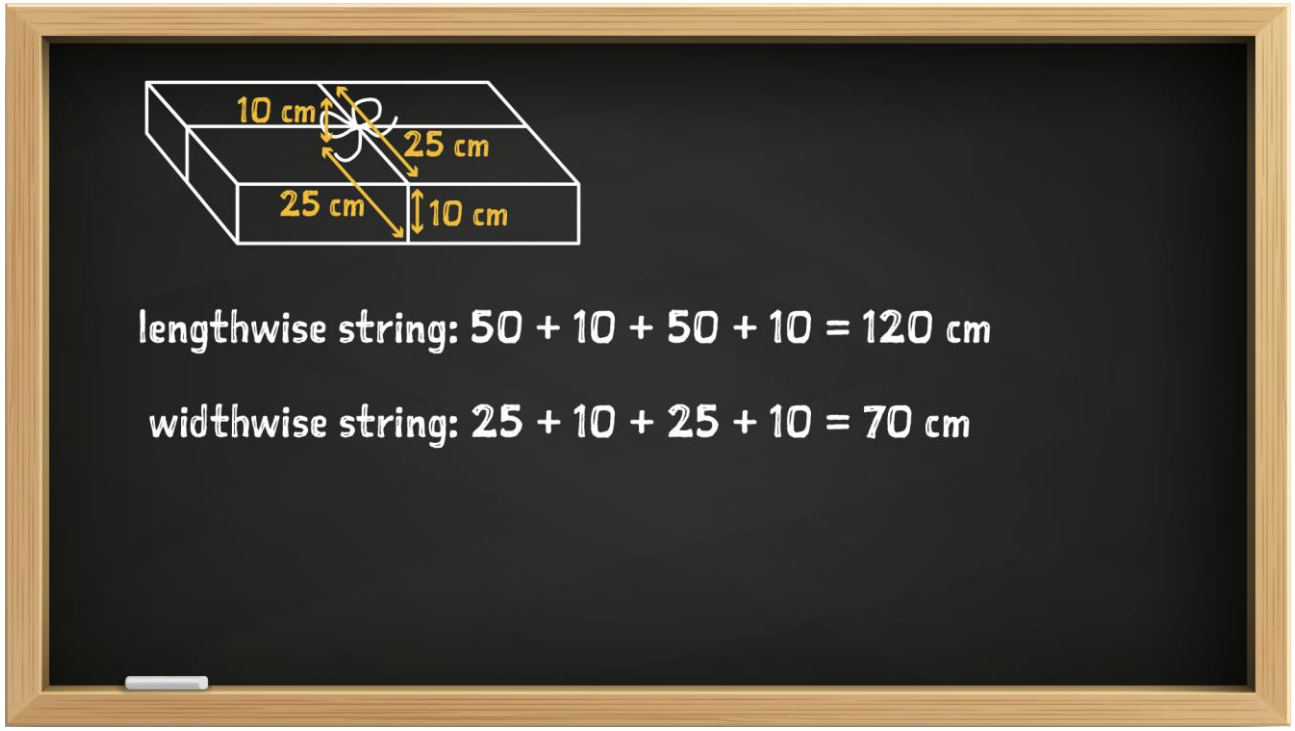
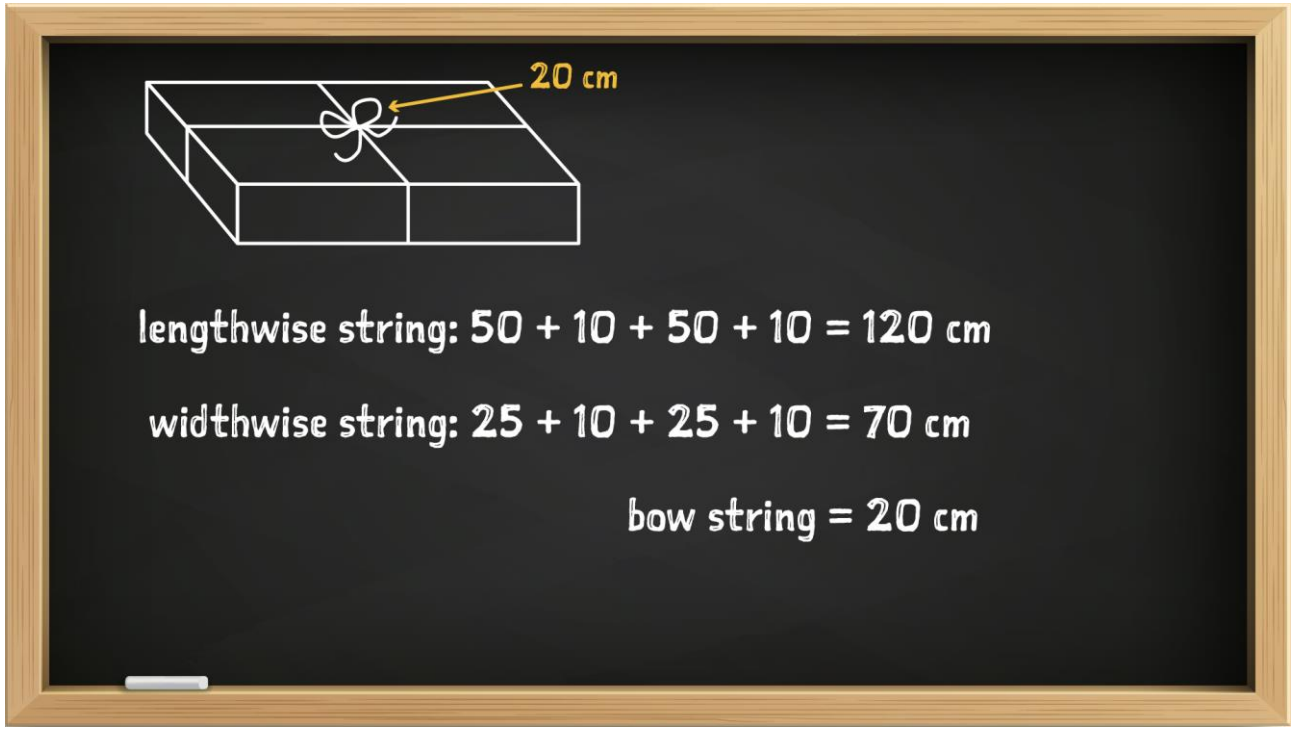
Then we add up the string needed around the box widthwise which is: twenty-five centimetres plus ten centimetres plus again twenty-five centimetres and ten centimetres, which equals seventy centimetres.	

Transcript	*Working*
Allowing twenty centimetres for the bow, the calculation for the length of the string needed is:	

Transcript	*Working*
…a hundred and twenty centimetres plus seventy centimetres plus twenty centimetres, which equals two-hundred and ten centimetres.