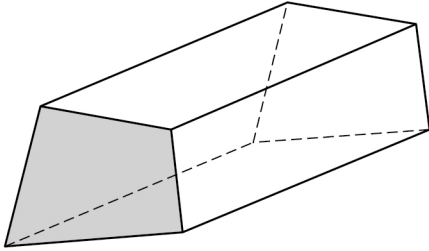


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Prisms A and B are similar.  
The cross sections are shaded.

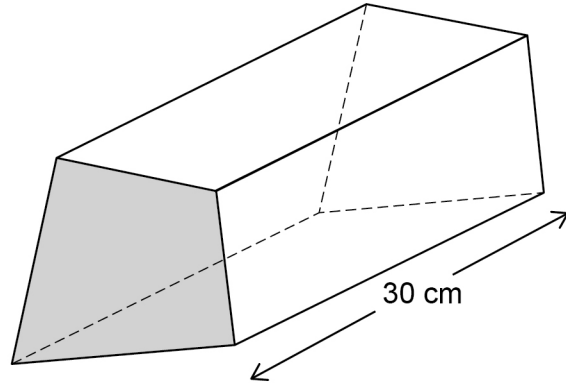
**Prism A**

volume =  $480 \text{ cm}^3$



**Prism B**

length = 30 cm



area of the cross section of A : area of the cross section of B = 4 : 9

Work out the area of the cross section of B.

**[5 marks]**

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Answer \_\_\_\_\_  $\text{cm}^2$

