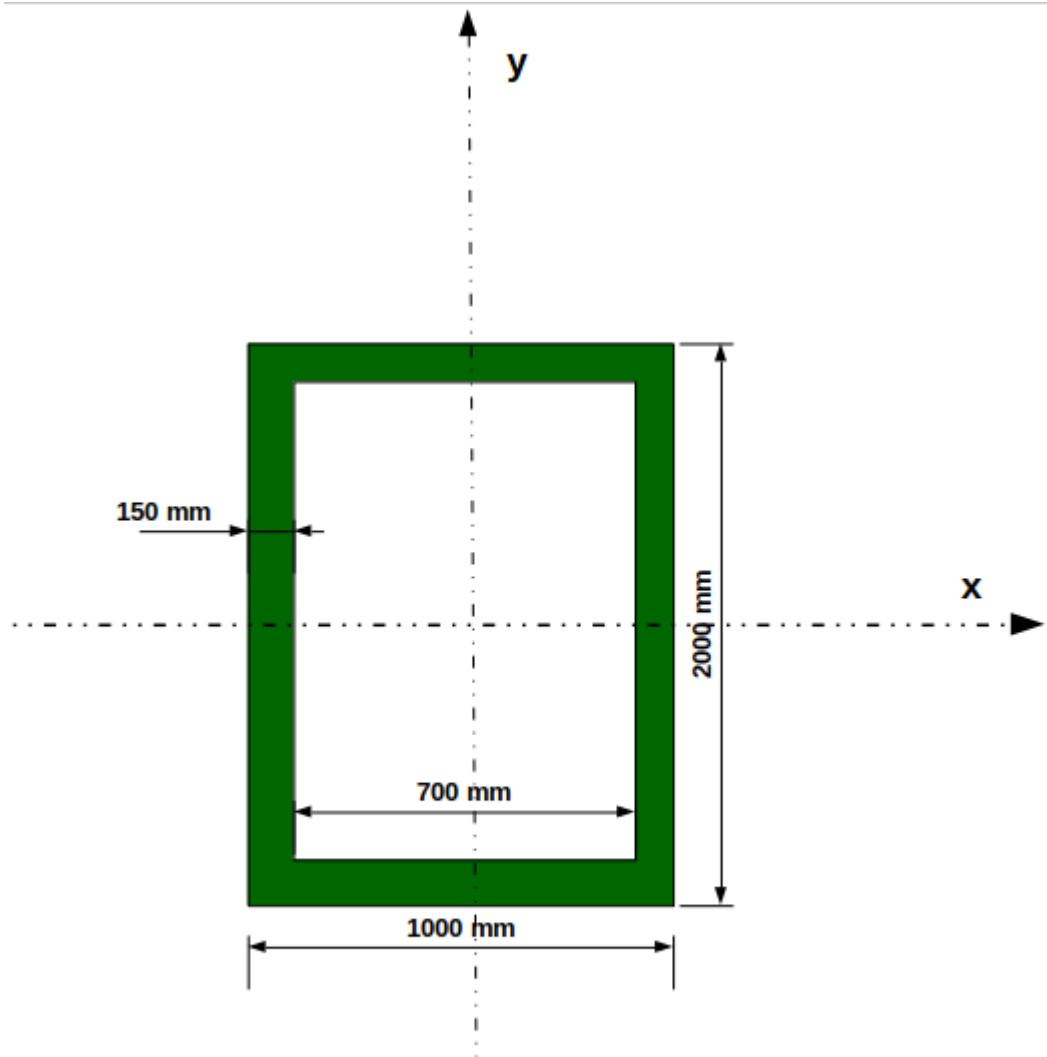




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Date: 5<sup>th</sup> December 2018

Compute the moment of inertia about the centroid ( $I_x$ ) for the hollow rectangular section given below.



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**Answers (refer to solutions for detail)**

$$\rightarrow I_x = 3.8 \times 10^{11} \text{ mm}^4$$