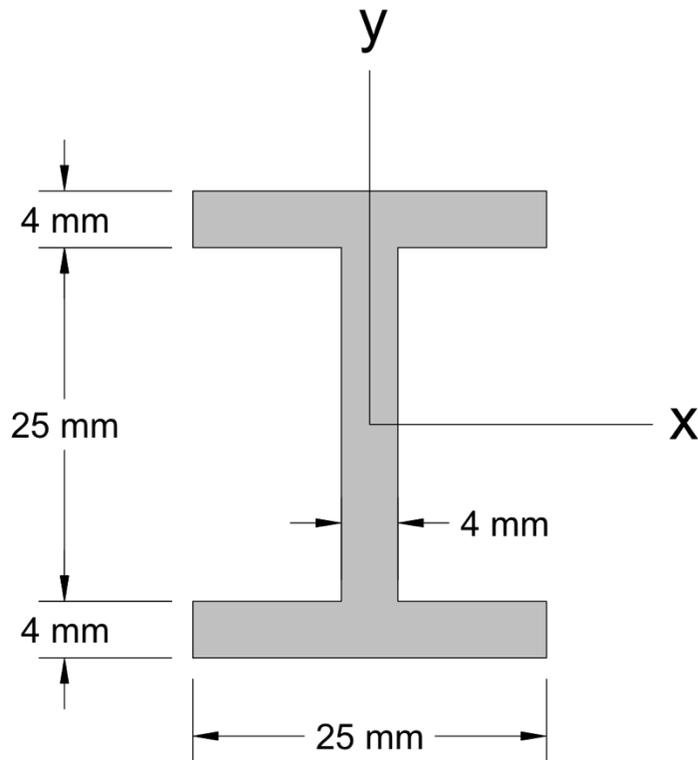
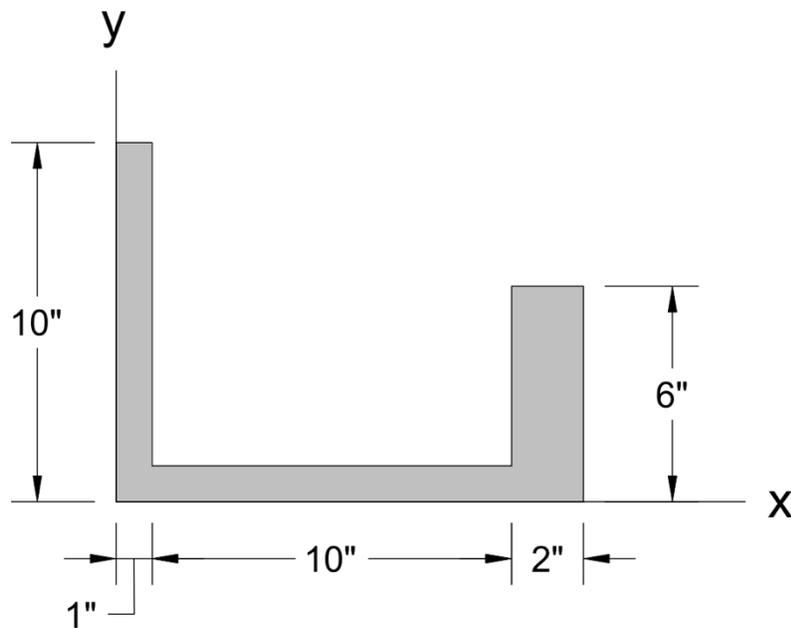


1. Refer to the figures below. For each figure,
 - a. Before calculations are performed, state whether you expect the moment of inertia of the section to be greater about the x-axis or y-axis and explain your reasoning.
 - b. Determine the moment of inertia for the shaded area about the x-axis
 - c. Determine the moment of inertia for the shaded area about the y-axis

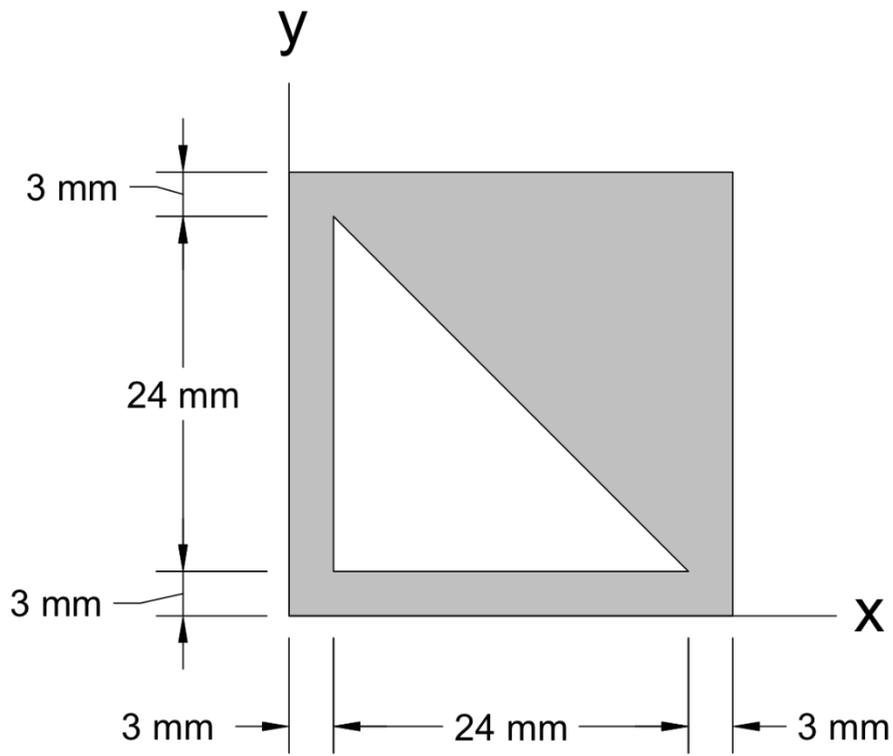
i.



ii.



iii.



iv.

