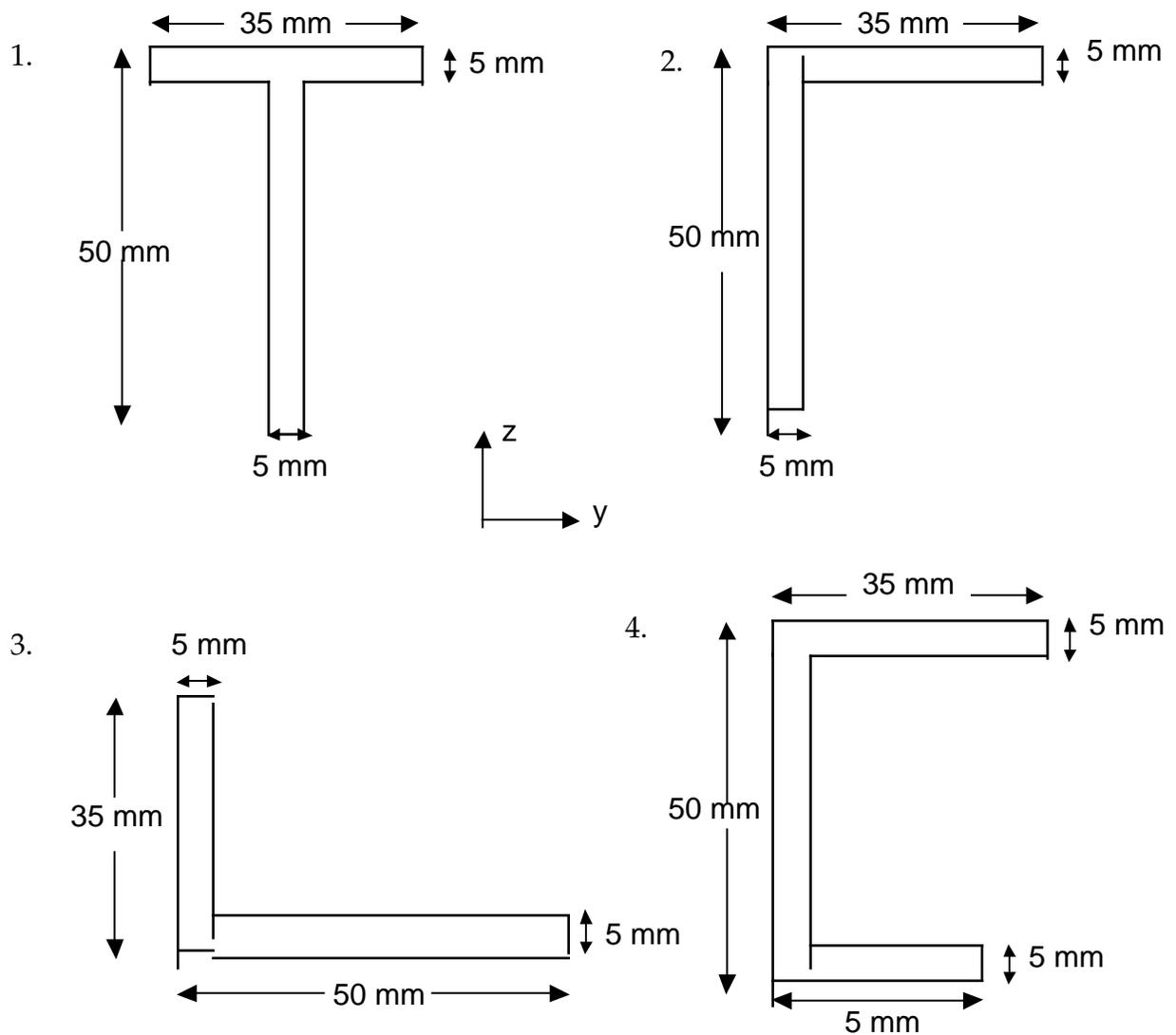


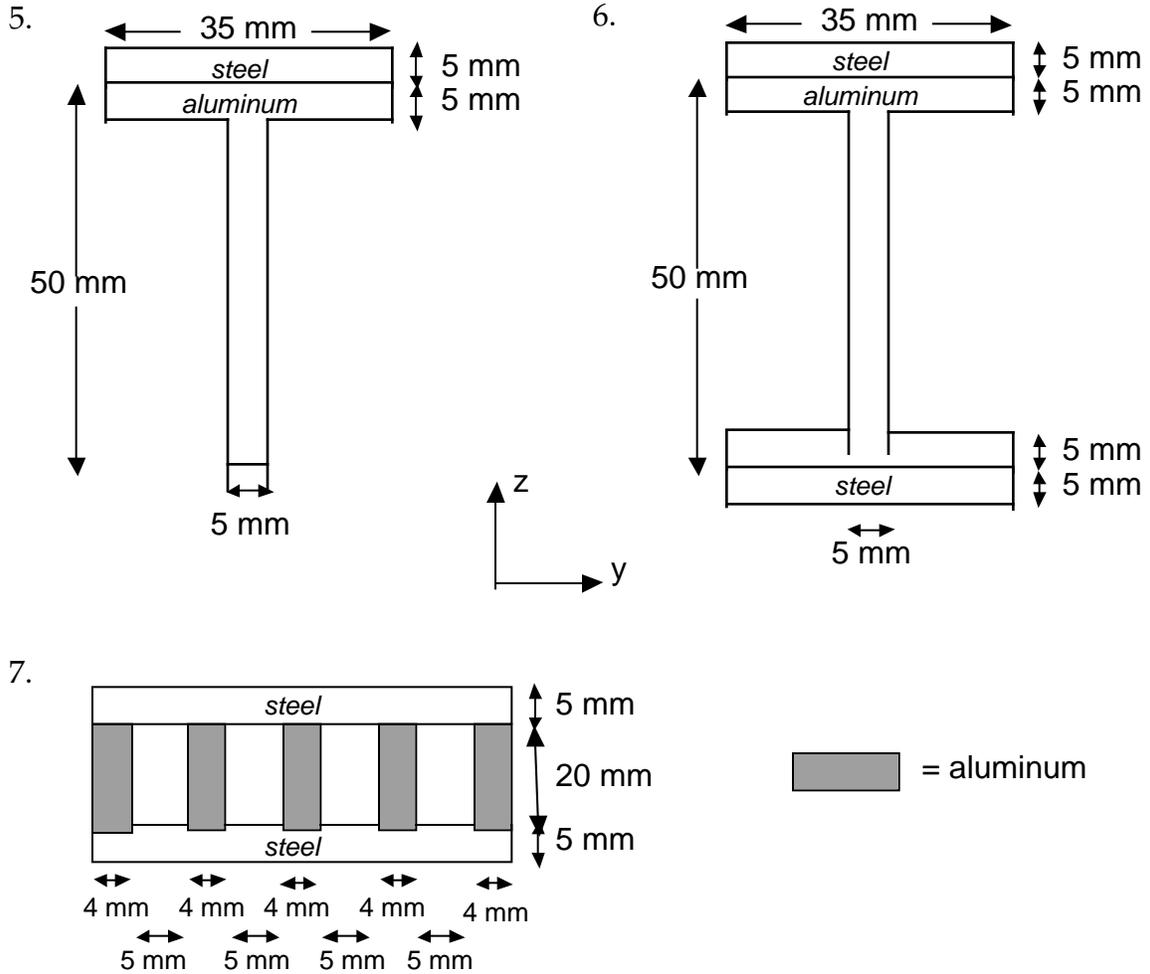
HOME ASSIGNMENT #8 (Part A)

Warm-Up Exercises

Determine the bending moments of inertia (I_z , I_y , I_{yz}) for the following cross-sections:



The following beam cross-sections are made from a combination of aluminum ($E = 10 \text{ Msi}$, $\nu = 0.30$) and steel ($E = 30 \text{ Msi}$, $\nu = 0.30$). Determine the bending stiffness, EI , about the y -axis for the following cases:



Practice Problems

8. *in Part B*

Application Tasks

9. *in Part B*