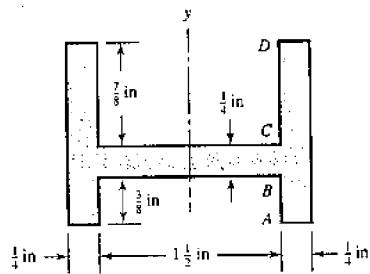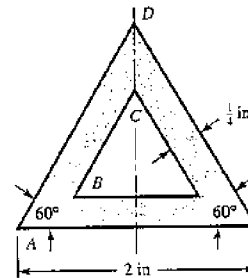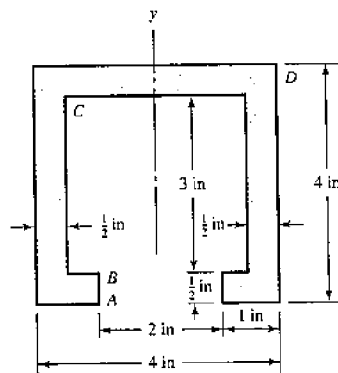For each section illustrated, find the second moment of area, the location of the neutral axis, and the distances from the neutral axis to the top and bottom surfaces. Suppose a positive bending moment of 10 kip · in is applied; find the resulting stresses at the top and bottom surfaces and at every abrupt change in cross section.
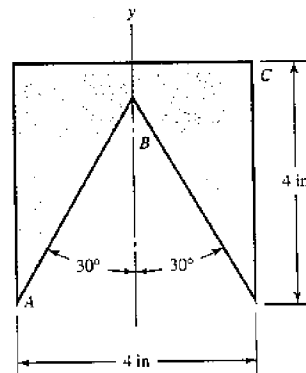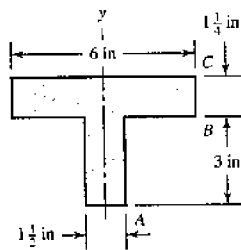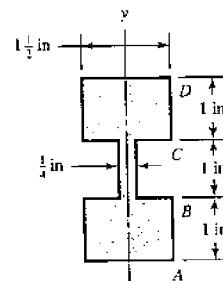

(a)

(b)

(c)

(d)

(e)

(f)