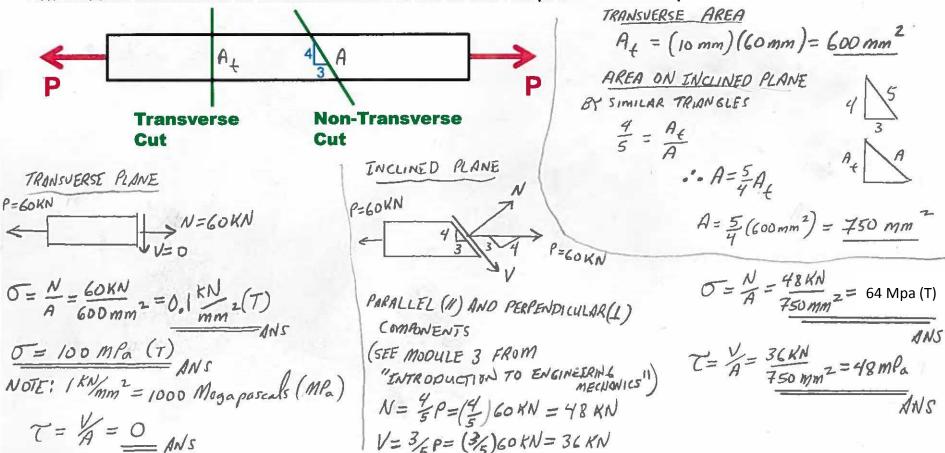
## **Worksheet Solution:**

A flat steel alloy bar has an thickness of 10 mm and an width of 60 mm. It is subjected to an axial centric load in tension of 60 kN.

Determine the normal stress and the shear stress in the bar on both the transverse plane and the inclined plane.



Georgia

Tech