



QUIZ 1

21 January 2013
Doç. Dr. M. Ali Güler

Ad, Soyad: _____
No: _____

Problem: Determine the largest load P that can be applied to the frame without causing either the average normal stress or the average shear stress at section $a-a$ to exceed $\sigma = 150 \text{ MPa}$ and $\tau = 60 \text{ MPa}$, respectively. Member CB has a square cross section of 25 mm on each side.

