



QUIZ 6

27 February 2015
Doç. Dr. M. Ali Güler

Ad, Soyad: _____
No: _____

Problem: The dimensions are shown for beam KL.

- a) Draw the shear diagram for the beam.
- b) Determine the shear stress at points C (centroid) and D located on the web of the beam. (the distance between D point and the lower edge of the cross section is 30 mm)
- c) Determine the shear stress at points A and B.
- d) Determine the maximum shear stress acting in the beam at the critical section.

