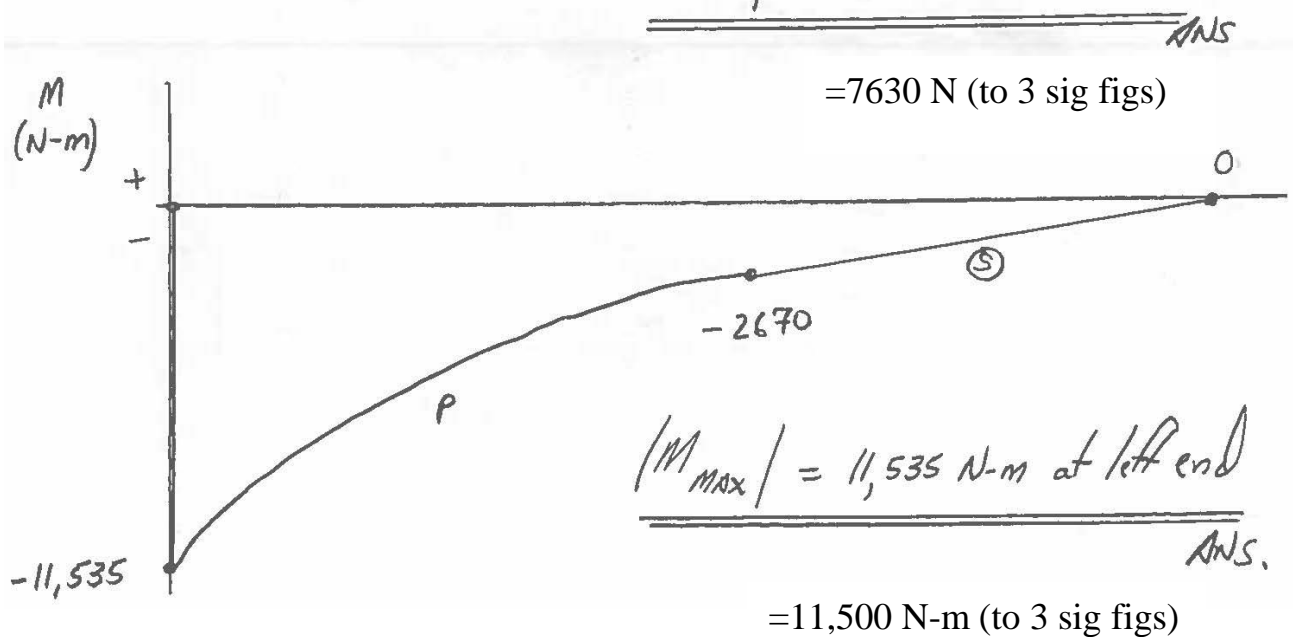
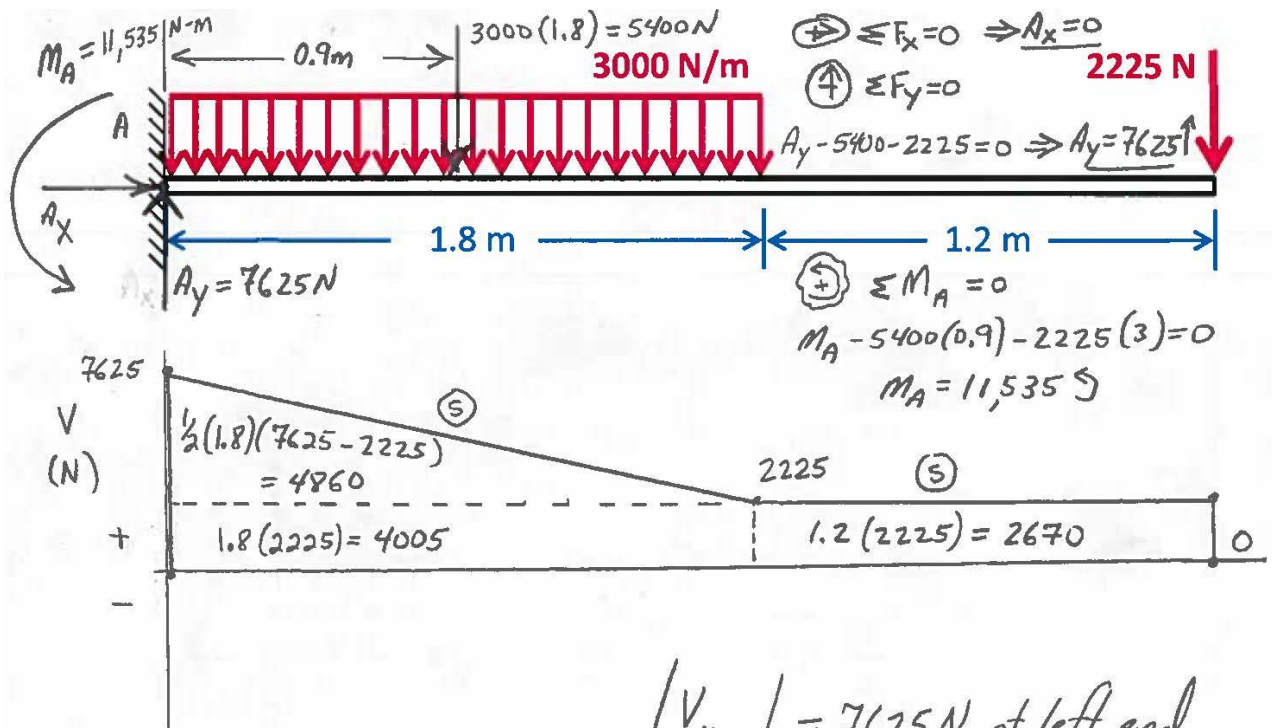
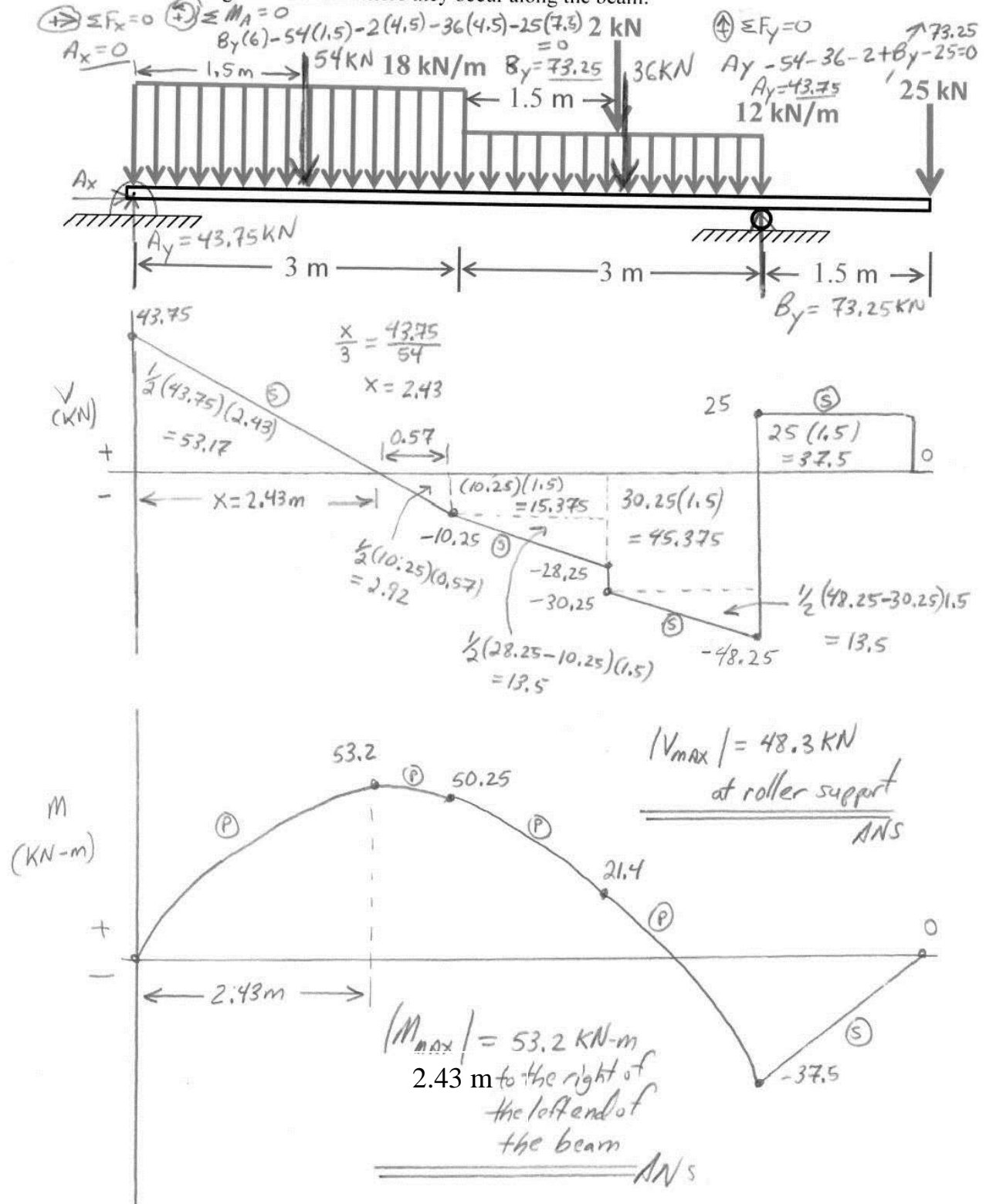


MOOC – “Mechanics of Materials III”
Section One Quiz Solution

Problem 1) Sketch the Shear Force and Bending Moment diagrams for the beam below to determine the magnitude of the maximum shear force and the magnitude of the maximum bending moment and where they occur along the beam.



Problem 2) Sketch the Shear Force and Bending Moment diagrams for the beam below to determine the magnitude of the maximum shear force and the magnitude of the maximum bending moment and where they occur along the beam.



Problem 3) Sketch the Shear Force and Bending Moment diagrams for the beam below to determine the magnitude of the maximum shear force and the magnitude of the maximum bending moment and where they occur along the beam.

