ME 208 QUIZ 1

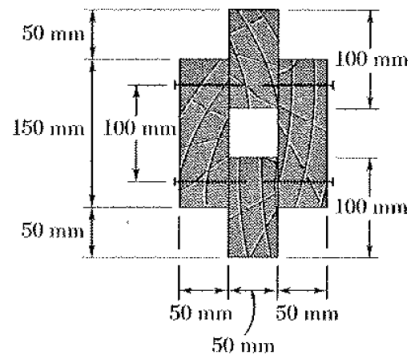| Q1	Q2	TOTAL

Name:
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1) The built-up timber beam is subjected to a 6 kN rtical shear. Knowing that the
   longitudinal spacing of the nails is s = 60 mm and that each nail is 90 mm long,
   determine the shearing force in each nail.

2) Determine the reaction at the roller support and the deflection at point D if a is equal to
   L/3.