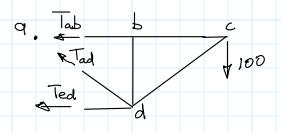


Even though there appear to be two prined supports @ ate, because there is only one member @ e, ed, the reaction Qe must be directed along line ed. Therefore, there are only three reactions.

Identify o-force members: bd

Section 1-1:



≤M<sub>a</sub>= 0 (+4 -T<sub>ed</sub>×3 - 100×8 = 0 T<sub>ed</sub>=-267 (:...)

< Md -0 (49 Tabx3 - 100x4=0 Tab = 133 (s. T)

T = 133 (c. T)

check:

Joint b 133 The Joint c 133

Joint d. 167 167 267 d

check:

2t, = 0 by inspection ok 2t, = -167x = -167x = +267

