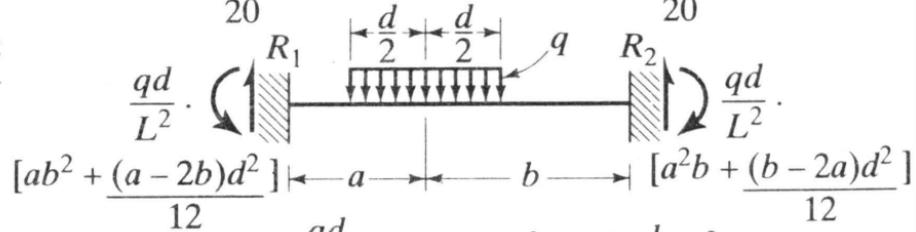
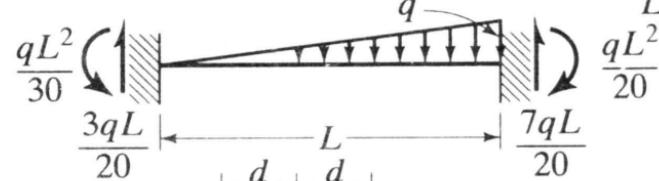
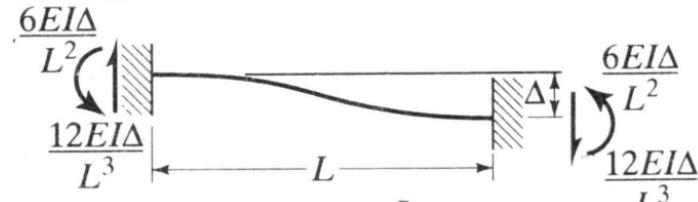
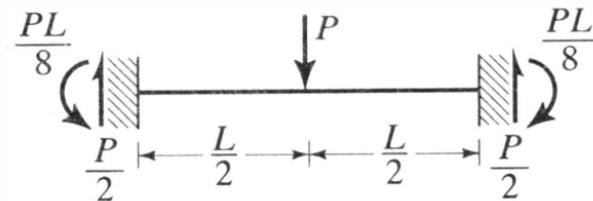


Sign convention: All loads and reactive forces are positive in the directions shown.



$$R_1 = \frac{qd}{L^3} \left[(2a+L)b^2 + \left(\frac{a-b}{4}\right)d^2 \right]$$

$$R_2 = \frac{qd}{L^3} \left[(2b+L)a^2 - \left(\frac{a-b}{4}\right)d^2 \right]$$