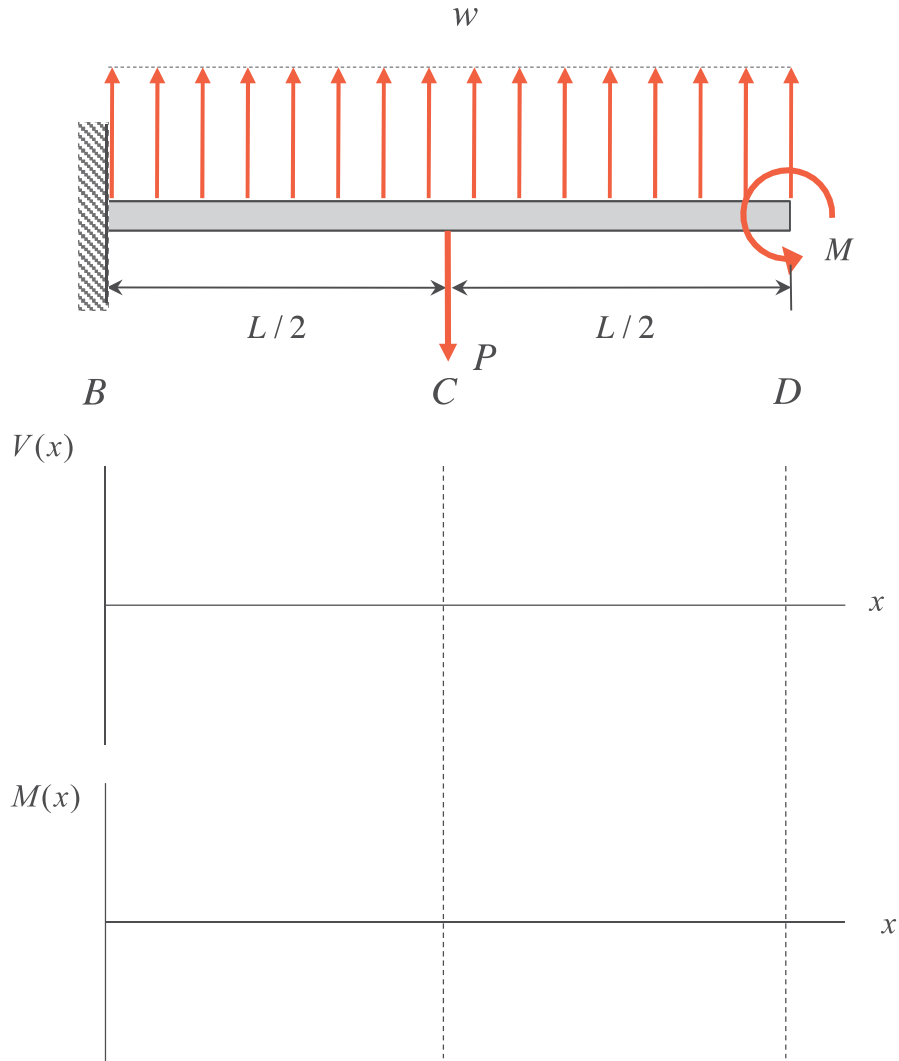Given: Cantilevered beam with the line loading w acting over its length, a concentrated force P acting at C and a concentrated couple M acting at end D.

Find: Construct the shear force and bending moment diagrams for this beam.

For this problem, use the following parameters: $w = 10$ kN/m, $P = 40$ kN, $M = 80$ kN-m and $L = 4$ m.

Homework H29.B

Given: Beam with the line loading *w* acting over section AM and a concentrated force *F* acting at end C.

Find: Using the graphical technique, construct the shear force and bending moment diagrams for this beam.

For this problem, use the following parameters: w = 15 kips/ft, F = 60 kips and d = 3 ft.