

**Homework Problem H29.A**

**Given:** Cantilevered beam with the line loading  $w$  acting over its length and a concentrated couple  $M$  acting at end B.

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

For this problem, use the following parameters:  $w = 8 \text{ kN/m}$ ,  $M = 90 \text{ kN-m}$  and  $L = 5 \text{ m}$ .

