

### Homework Problem H9.E

**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.

