

**7.15 through 7.18** Draw the shear and bending-moment diagrams for the beam and loading shown, and determine the maximum absolute value (a) of the shear, (b) of the bending moment.

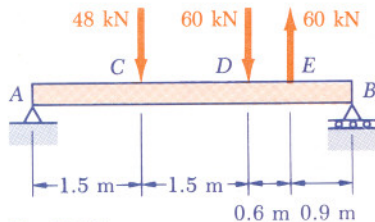


Fig. P7.15

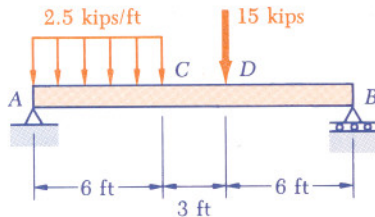


Fig. P7.17

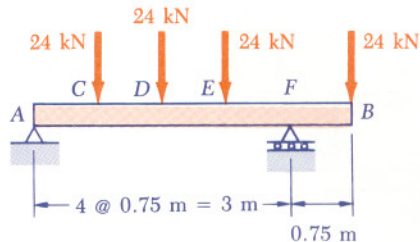


Fig. P7.16

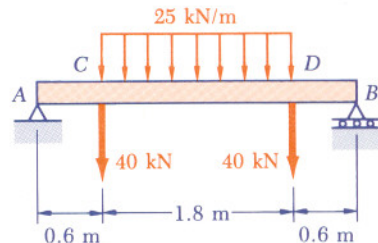


Fig. P7.18