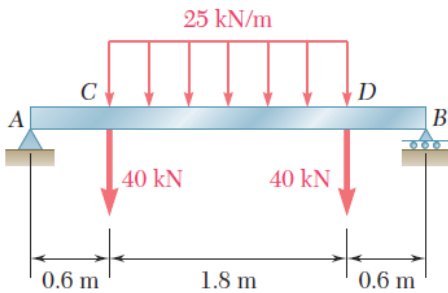


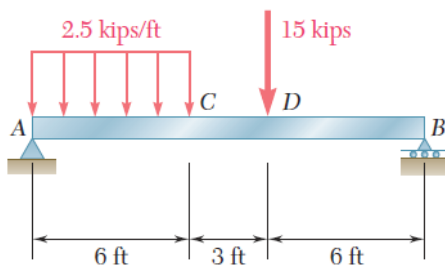
**PROBLEM 5.5**

For the beam and loading shown, (a) draw the shear and bending-moment diagrams, (b) determine the equations of the shear and bending-moment curves.



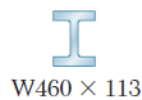
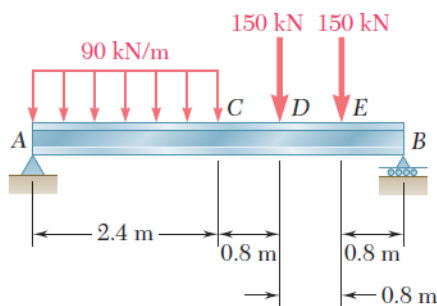
**PROBLEM 5.9**

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.



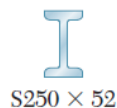
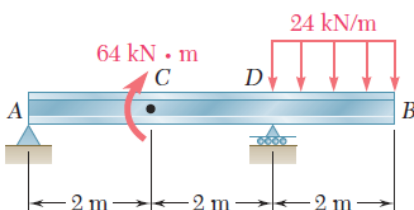
**PROBLEM 5.10**

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.



**PROBLEM 5.17**

For the beam and loading shown, determine the maximum normal stress due to bending on a transverse section at C.



**PROBLEM 5.24**

Draw the shear and bending-moment diagrams for the beam and loading shown and determine the maximum normal stress due to bending.