Example 4d-1: Draw the shear and moment diagrams for the following frame:
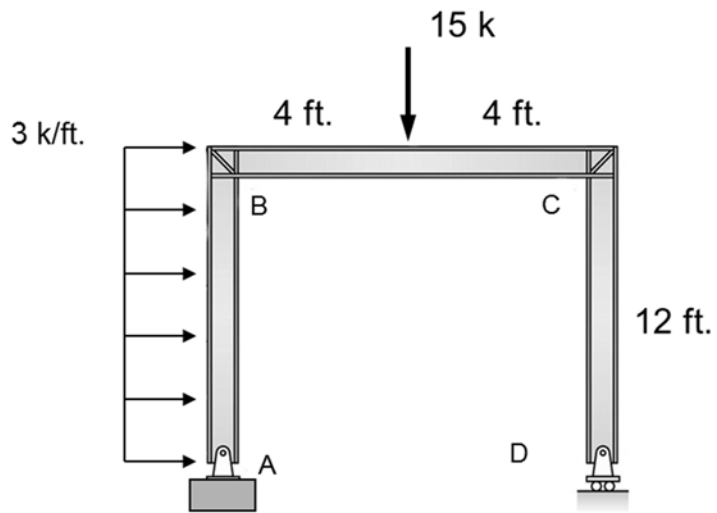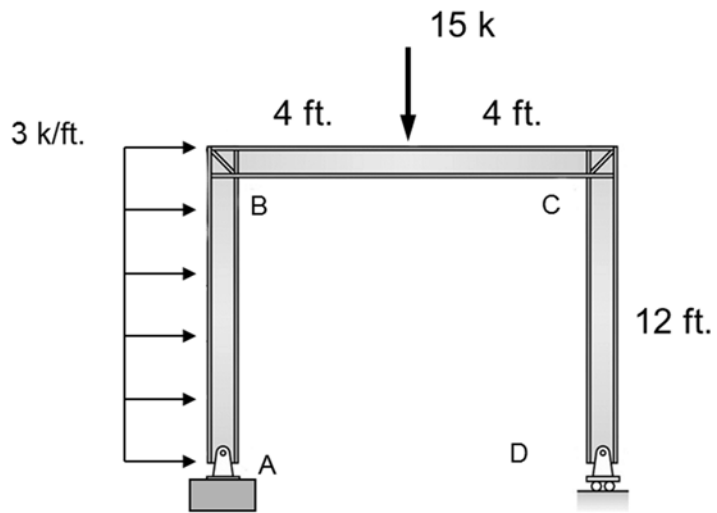
Example 4d-1: Draw the shear and moment diagrams for the following frame:

15 k

3 k/ft.

4 ft.   4 ft.

B   C

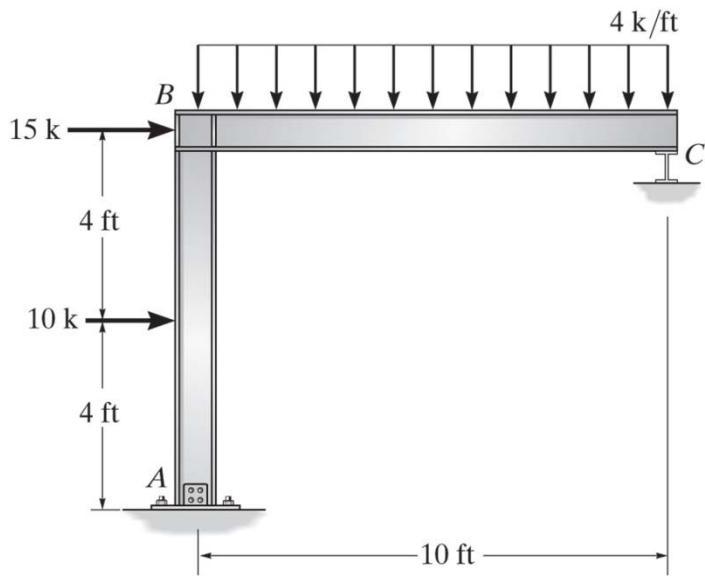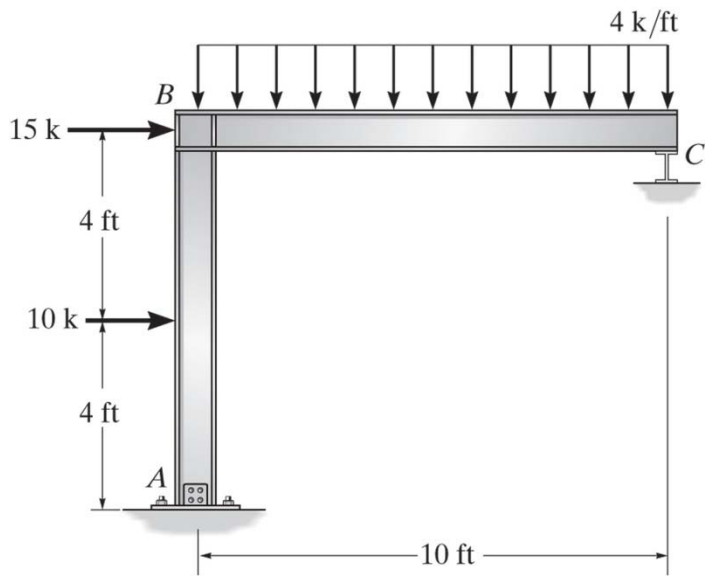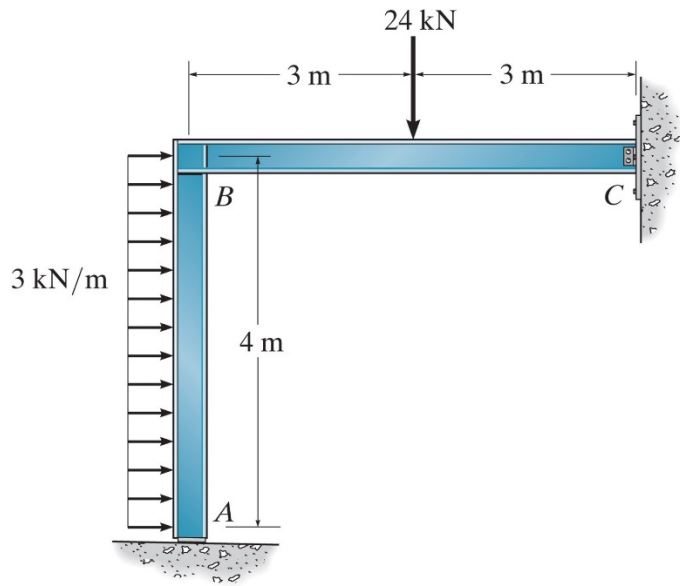12 ft.

A   D

Example 4d-2: Draw the shear and moment diagrams for the following frame:

Example 4d-2: Draw the shear and moment diagrams for the following frame:

Example 4d-3: Draw the shear and moment diagrams for the following frame:

24 kN

3 m — — 3 m

B   C

3 kN/m

4 m

A

Example 4d-3: Draw the shear and moment diagrams for the following frame:

24 kN

3 m   3 m

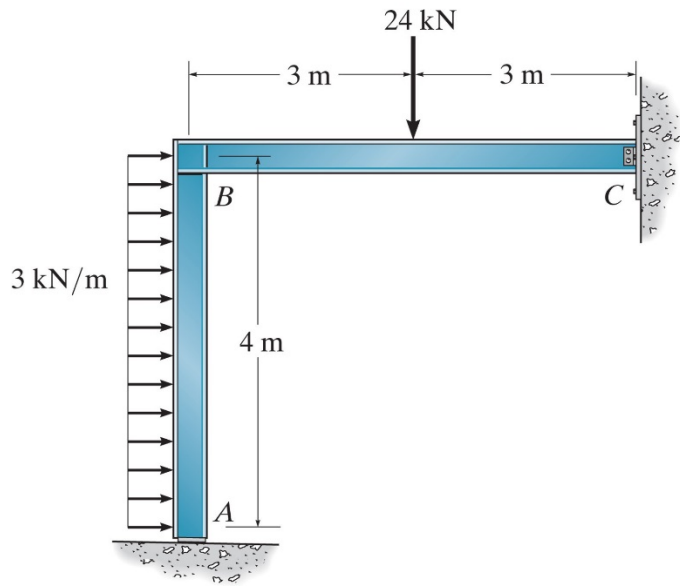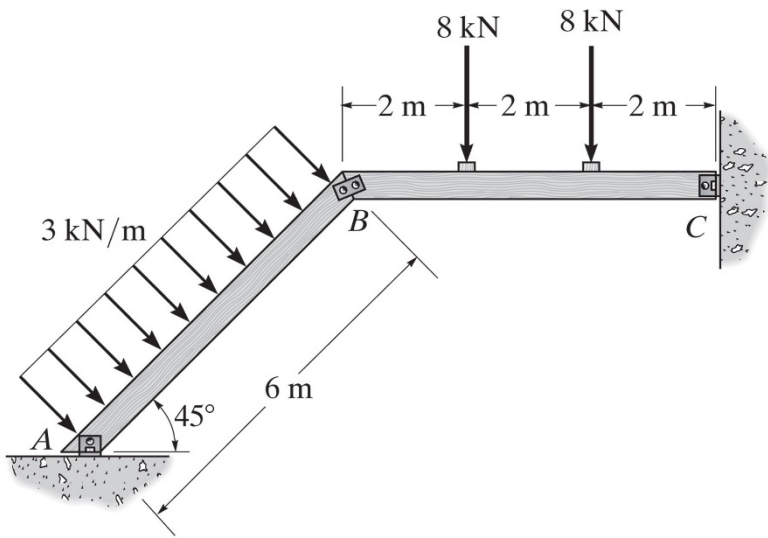*B*   *C*

3 kN/m

4 m

A

Example 4d-4: Draw the shear and moment diagrams for the following frame:

Example 4d-4: Draw the shear and moment diagrams for the following frame: