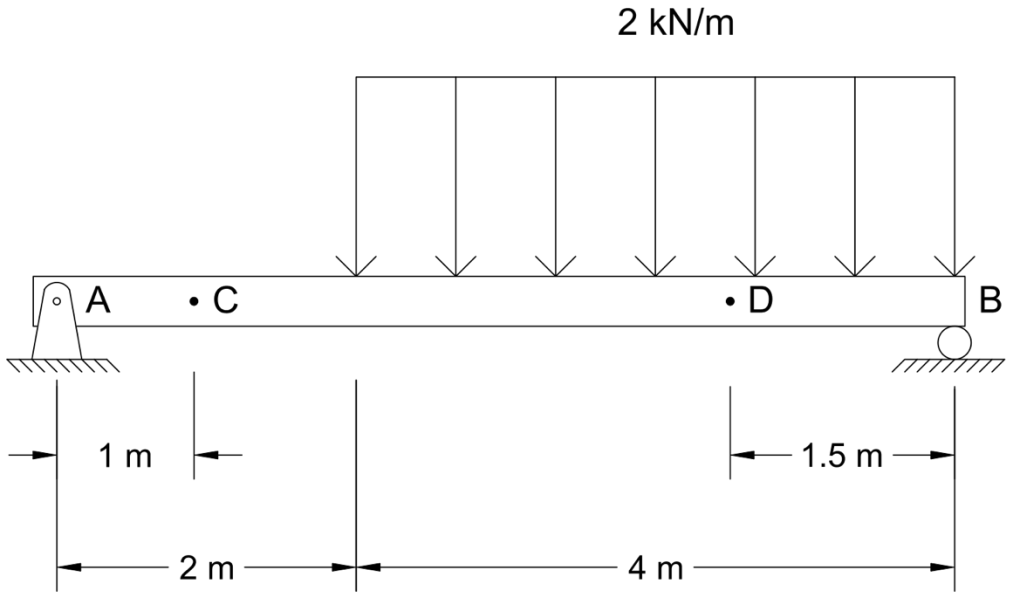
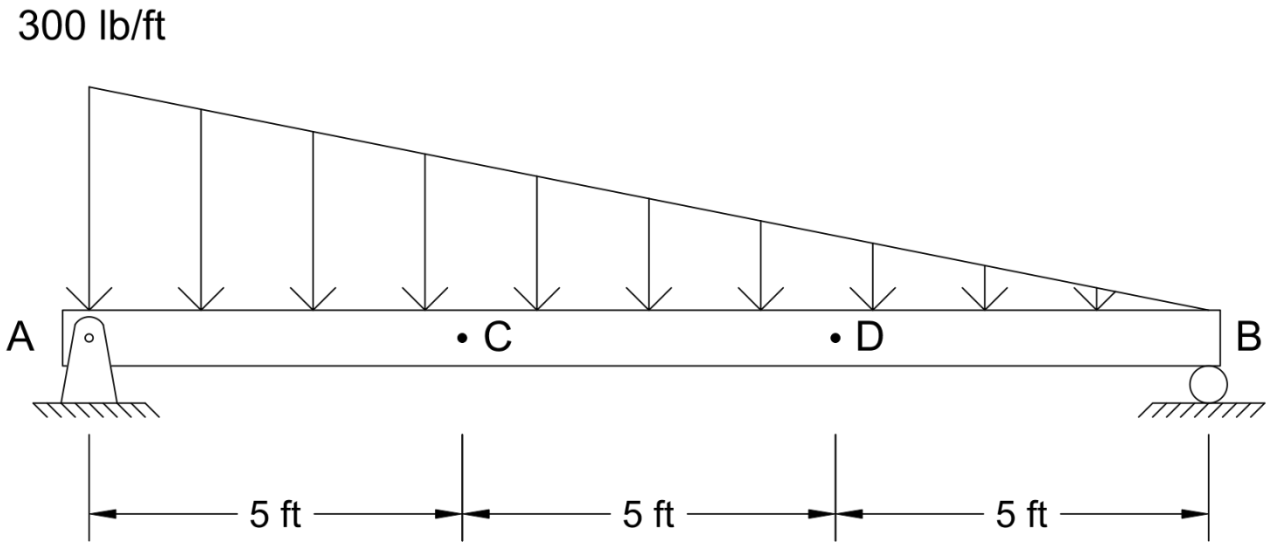
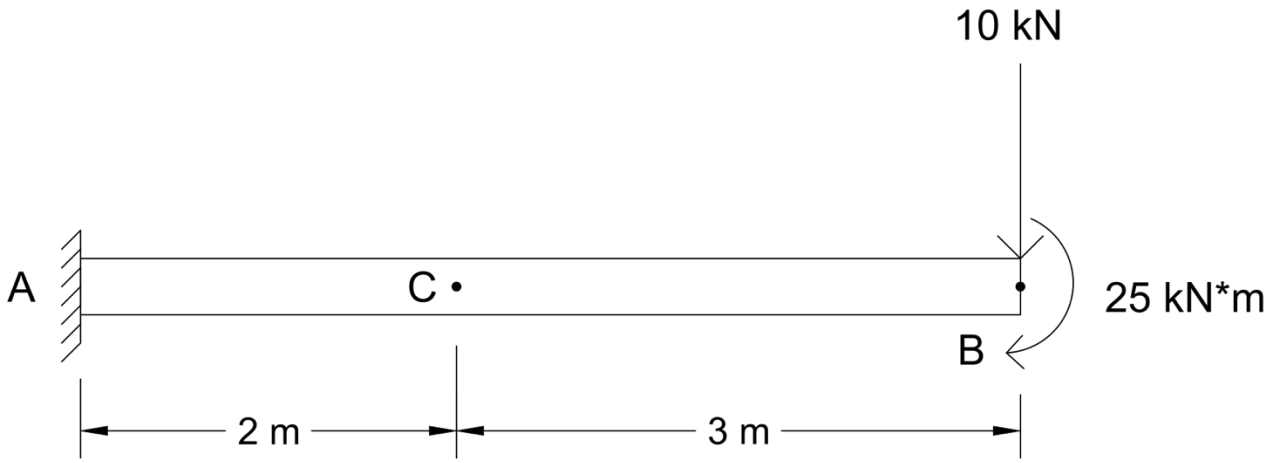
1. Refer to the beam below.
   a. Determine the normal force, shear force, and bending moment at point C of the beam.
   b. Determine the normal force, shear force, and bending moment at point D of the beam.



2. Refer to the beam below.
   a. Determine the normal force, shear force, and bending moment at point C of the beam.
   b. Determine the normal force, shear force, and bending moment at point D of the beam.



3. Refer to the beam below.
    a. Determine the normal force, shear force, and bending moment at point C of the beam.



4. Refer to the beam below.
    a. Determine the normal force, shear force, and bending moment *just to the left* of and *just to the right* of point C of the beam.
    b. Determine the normal force, shear force, and bending moment *just to the left* of and *just to the right* of point D of the beam.