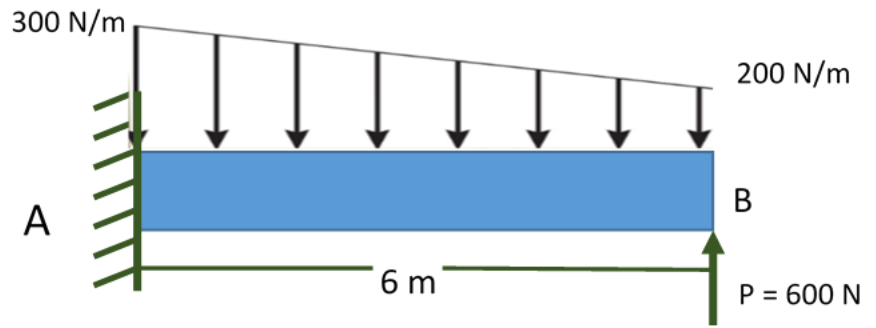


Module 0: Lecture Problems

Example 1

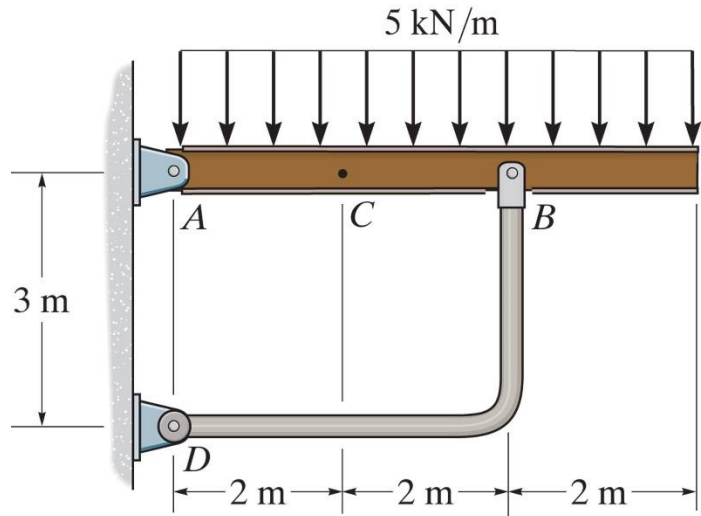
Determine the reaction at point A.



Module 0: Lecture Problems

Example 2

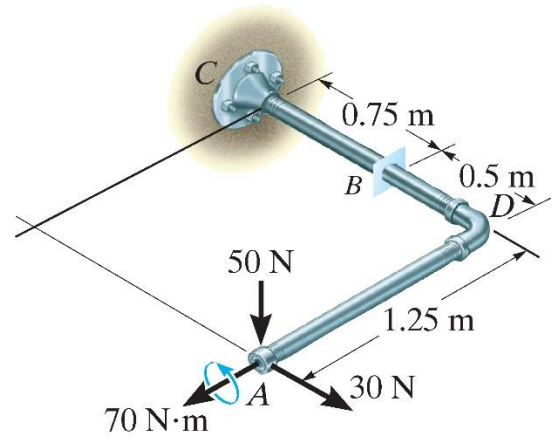
Determine the reactions at point A.



Module 0: Lecture Problems

Example 3

Determine the reactions at point C.



Module 0: Lecture Problems

Example 4

The aluminum rod is 3 ft long and has a diameter of 0.15 in. If an axial load of 3.25 kip is applied to it, determine the change in its length and the change in its diameter. Note: $E_{AL}=10 \times 10^3$ ksi.

