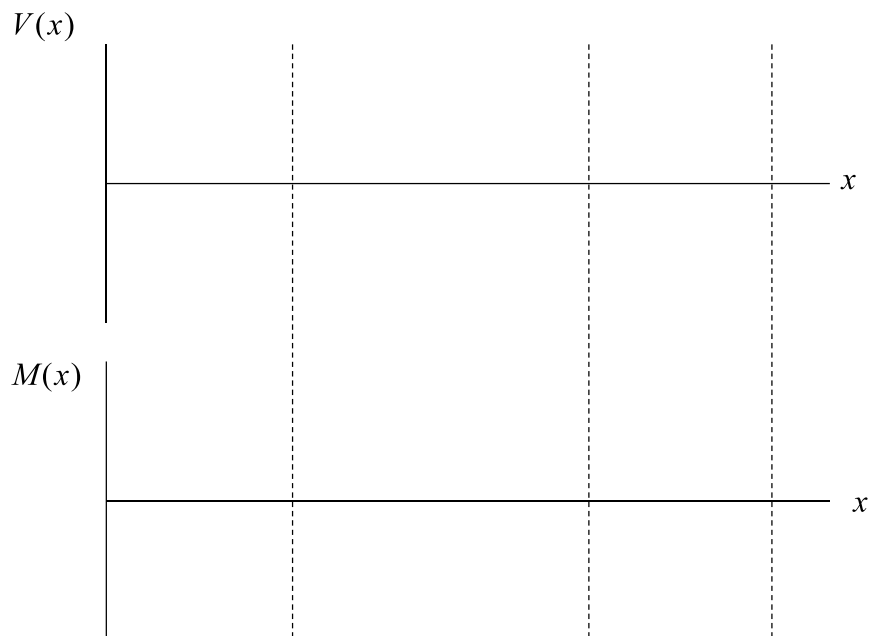
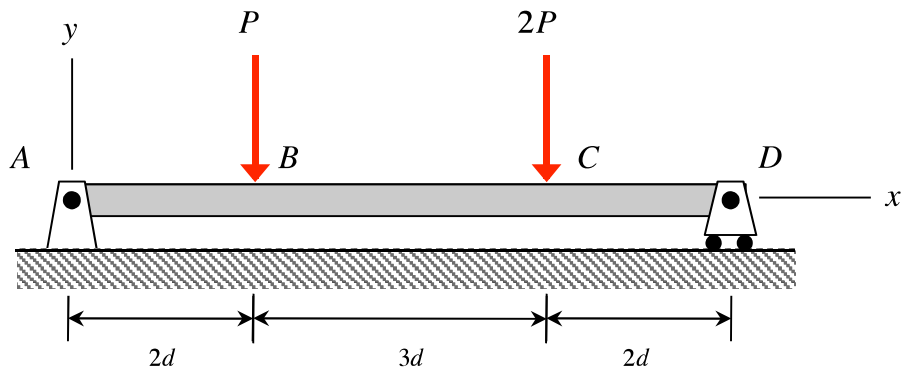


Homework Problem H27.A

Given: Simply-supported beam loaded with two forces $2P$ and P at B and C, respectively.

Find: Construct the shear force and bending moment diagrams for this beam.

For this problem, use the following parameters: $d = 2$ ft and $P = 14$ kips.



Homework Problem H27.B

Given: Simply-supported beam loaded with force P at D, a couple at A and a couple at C.

Find: Construct the shear force and bending moment diagrams for this beam.

For this problem, use the following parameters: $d = 1$ ft, $M = 30$ kip-ft and $P = 50$ kips.

