CH_4

CH_4

4.1 Types if Beams, Loads and Reactions

Simple Beam

Cantilever Beam

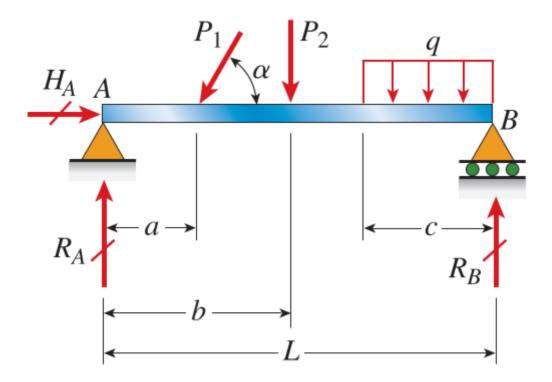
Beam with an Overhang

4.2 Shear Forces and Bending Bending Moments

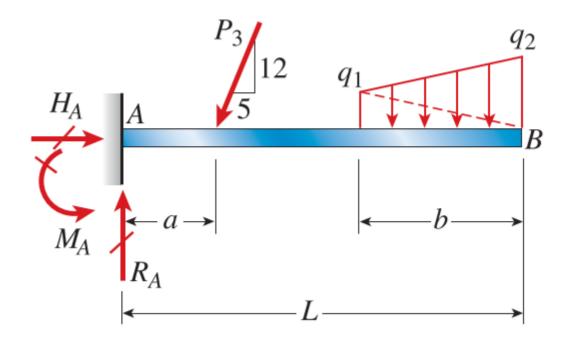
Sign Convention

4.1 Types if Beams, Loads and Reactions

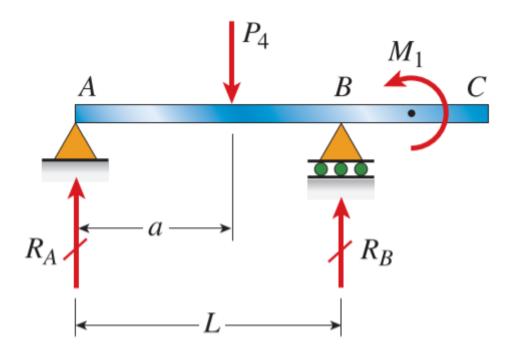
Simple Beam



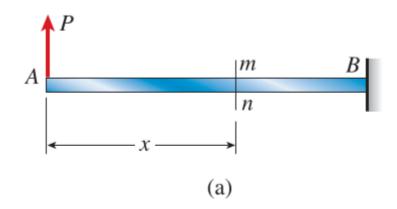
Cantilever Beam

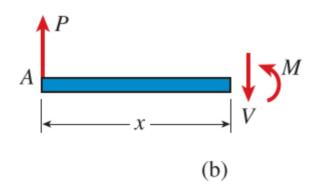


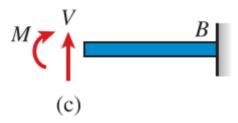
Beam with an Overhang



4.2 Shear Forces and Bending Bending Moments







$$\sum F_{vert} = 0$$
 $P - V = 0$ $\sum M = 0$ $M - Px = 0$

Sign Convention

