

Equilibrium of Particles in 3-D

Eqs. and FBD's are as in the 2-D above, but add the third (z) direction. \Rightarrow

$$\sum F_x = 0 \quad (1)$$

$$\sum F_y = 0 \quad (2)$$

$$\sum F_z = 0 \quad (3)$$

3 eqs. \Rightarrow ?? unknowns ??

Review & Practice

FBD, FBD, FBD, FBD