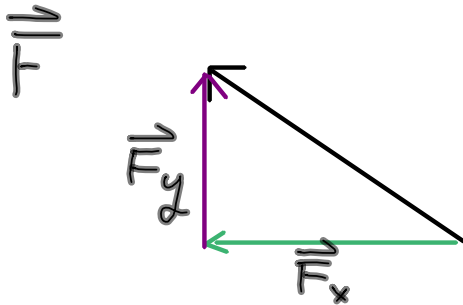


Forces
Pushes + Pulls
Forces are Vectors

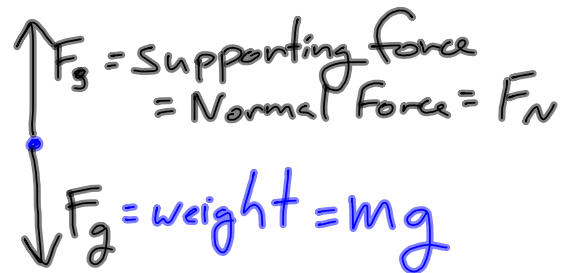


Units: Newtons
[N]

Free Body Diagram

Force Diagram

Draw Objects as points



Stapler

Force Applied

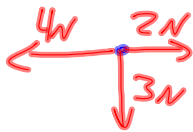


Net Force

↳ Total

$$\Sigma F = F_{net}$$

Sum of all forces acting on an object



~~$4N + 2N + 3N$~~

Stationary Objects



Equilibrium $\Rightarrow \Sigma F = 0$

Objects in motion can have a net force of zero. as long as the forces are canceling each other out.

Force Lab

