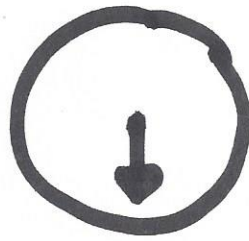


$$\Sigma F = ma$$

$$-F_w = ma$$

$$a = -9.8 \text{ m/s}^2$$



Flight

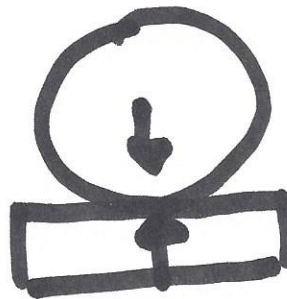
Gravity

$$\Sigma F = ma$$

$$F_{GRF} + (-F_w) = ma$$

$$F_{GRF} = ma + F_w$$

a = measure



Gravity

GRF