

Test #1 Review

Communication

- ~ Cavendish's experiment
- ~ Galileo ramp experiment (lab)

~ Define

Normal Force }
Friction Force } ?
Gravity Force }

~ N_1, N_2, N_3

Acceleration

5 formulas

Constant
velocity

Chase

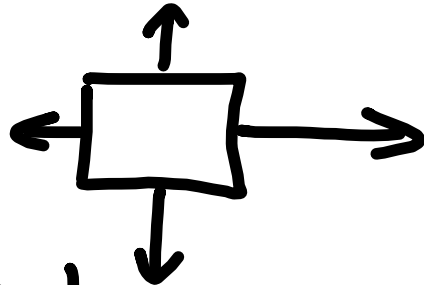
Forces

$$F_{\text{net}} = ma$$

$$F_g = mg$$

$$F_f = \mu F_N$$

Newton's Law



Vector components

train question

Vector

$$\vec{V}_{og} = \vec{V}_{mg} + \vec{V}_{om}$$

~ flying $\vec{\omega}$ wind

~ swimming

Special

- projectiles


- inclines

- Universal Gravitation

Pg 57 # 28

60 # 50, 52, 57

117 # 26, 25, 30



119 # 38