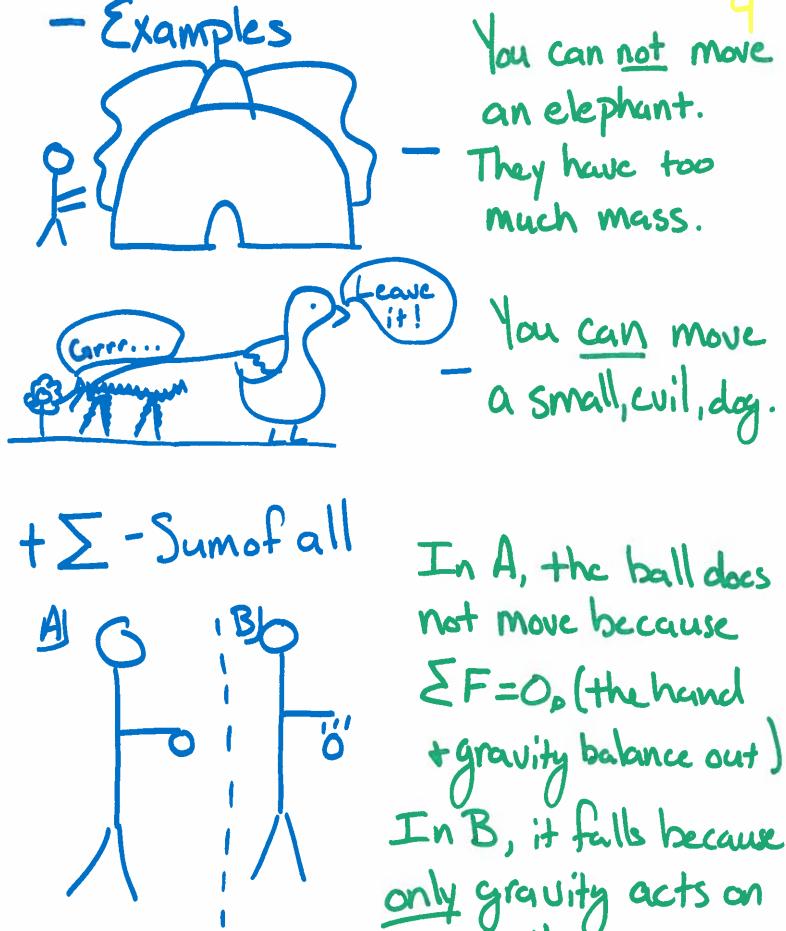
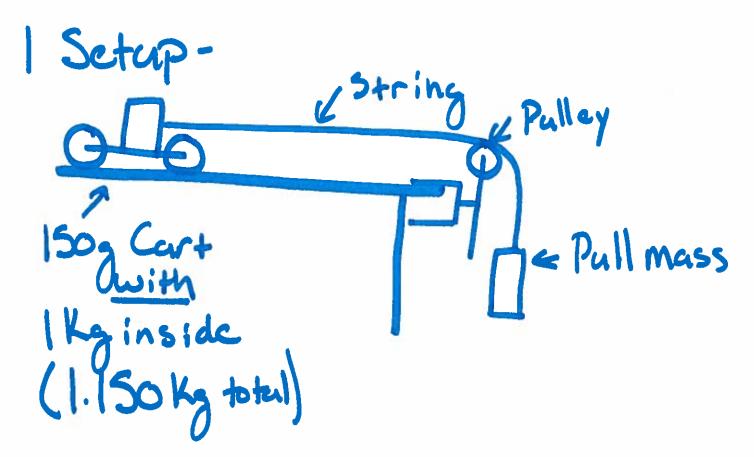
1 direction

+ Forces - A push or pull or Motion you feel - Unit: Newton (N) (35 Isacc
Newton - Egn. - Newton's 2nd Law 2 F=ma Sum of all Forces = mass Xacceleration push or shove How much Changeinspea 'Stuff there

15



Goal - Compare the acceleration of a cart to the force applied. The force will be applied by a mass hanging of the table.



Pull Mass T1 T2 T3 Aug

2

3

Measured Acceleration in Mst.

Pull mass in Kg

Instructions - Do Not Copy 7

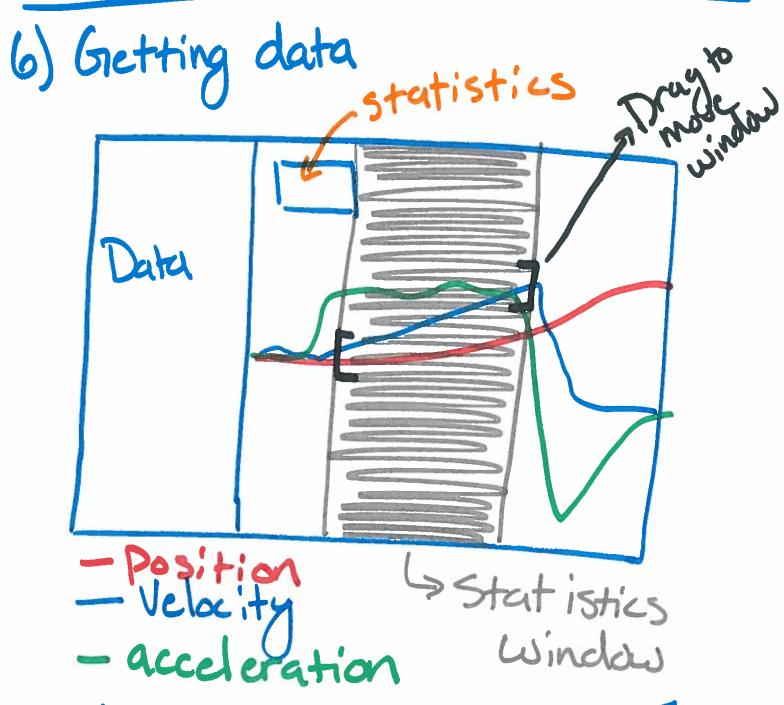
- 1) Download Forces Lab-Logger Pro'
 from website.
- 2) Open it.
- 3) Connect Sensor
- 4) Sctup Cart + pull mass

J.B. A. Sensor

- 5) To collect data
 - Press Collect
 - Wait for clicking
 - release the car
 - Cutch the car!

1 Pullmass

Instructions-Continued 8



- + Adjust window so the of the velocity is captured.
- + Record the 'mean' acceleration from the Stutistics window.