

WORK LAB

(data)

The mass of the cart was measured to be .535 kg (this included the pulley, which was made a part of the mass for *all three parts of the lab*).

Part A: (for the dead lift):

The force measured by the Force Transducer in this part was 5.24 nts.

Part B: (for the incline plane):

The angle of the incline was 20° and the force measured by the Force Transducer was 1.77 nts.

Part C: (for the double Atwood Machine):

The force measured by the Force Transducer was 2.6 nts.