

Physics 151 Worksheet #4: Forces

Name: _____

Partner(s): _____

Directions : Complete the following questions based on the computer simulation. Please show all of your work and explain all of your reasoning. Place boxes around your final answers.

Simulation #1: Two Masses Being Pushed on a Horizontal Flat Surface

Determine the values of the unknown force and masses.

Simulation #2: Horizontal Atwood's Machine

Determine the values of the unknown masses.

Simulation #3: Atwood's Machine

Determine the values of the unknown masses.