

## Prelab Questions

These questions need to be completed before entering the lab. Please show all workings.

**Marker's  
Initials**

### Prelab 1

Using the coordinate system below, draw free body diagrams for mass A and mass B (Refer to Diagram 1).

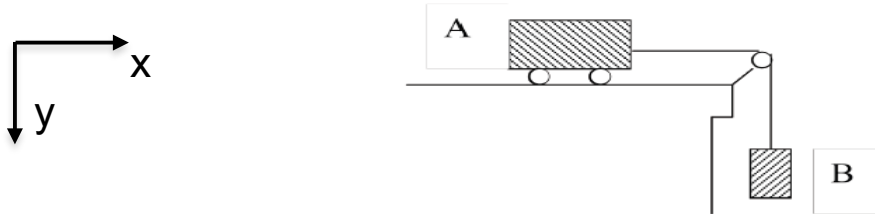


Diagram 1

### Prelab 2

Write  $\vec{F}_{net} = m\vec{a}$  for each of the two masses.

**STAPLE YOUR PRE-LAB TO THIS PAGE**