

## AP Physics Lab #8— Atwood Machine

Name \_\_\_\_\_

Grade \_\_\_\_\_

### Objectives:

- To determine if the ratio  $m_1/m_2$  is correlated to the angular acceleration of an Atwood Machine.
  - To determine if the difference  $(m_1-m_2)$  is correlated to the angular acceleration of an Atwood Machine
- 1) Design a procedure for an experiment that will allow you to reach a conclusion about the objectives.
  - 2) Perform the experiment you design.
  - 3) In the space below show the final copy of your data chart, some sample calculations, any graphs you make and write a short conclusion.