Physics 3210, Spring 2019 Homework #2
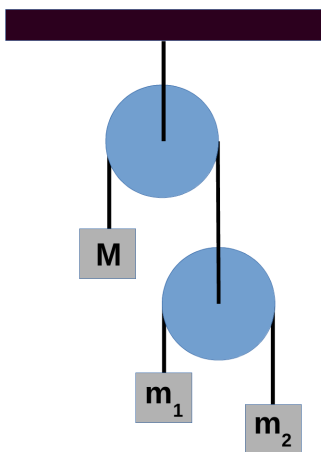
<div align="center">Due in class Thursday January 24th</div>

Newton's Laws:

1. *K&K* Problem 2.2.

2. *K&K* Problem 2.3.

3. A two-pulley system is set up as shown in the figure below. The first (massless) pulley supports mass M and a second massless pulley. The second pulley supports masses m_1 and m_2. What should mass M be, in terms of m_1 and m_2, such that it doesn't move?

Rotational Problems:

4. *K&K* Problem 2.6.

5. *K&K* Problem 2.15.

Units:

6. *K&K* Problem 2.16.