P150A

PRELAB #5: Activity Due at the start of lab

You must turn these in to your TA at the beginning of your lab session to get credit for them.

1. Review Section 4.2 on Friction in Hewitt (p.59). What are the two types of friction Hewitt discusses?
   i.)
   ii.)

2. In your own words define each of these types of friction and describe how they are different. Give 2 examples of each type.
   i.)
   ii.)
3. When sliding friction slows down a moving object, where does the reduction in kinetic energy of the object go? Remember, energy can’t be created or destroyed.

4. Do ball bearings operate on the basis of static or sliding friction? Explain why.