Forces and Motion

* **Know the answers to the following questions. Use notes and handouts to help.**
* **Know vocabulary terms: force (contact and noncontact), friction, gravity, weight**

**Quiz One**

**You will be able to use your HMH note document and spiral notes only!**

How can a force diagram show all of the forces acting on an object? Can you draw a force diagram? Can you calculate net force? What is the unit of force?

After calculating net force, can you determine whether the object will move and in which direction? (see Net Force practice problems for examples)

What is the difference between a contact and noncontact force? What are examples of each?

What is velocity? Can you calculate velocity using vectors?

How do unbalanced forces cause change in motion?  
  
Be able to calculate NET FORCE and explain forces acting on an object, then determine if and how the object will move