

### **Lab3**

<https://phet.colorado.edu/en/simulation/legacy/projectile-motion>

### **Lab4**

[http://www.walter-fendt.de/html5/phen/equilibriumforces\\_en.htm](http://www.walter-fendt.de/html5/phen/equilibriumforces_en.htm)

<http://www.wolframalpha.com>

[https://phet.colorado.edu/sims/html/forces-and-motion-basics/latest/forces-and-motion-basics\\_en.html](https://phet.colorado.edu/sims/html/forces-and-motion-basics/latest/forces-and-motion-basics_en.html)

### **Lab 6**

Part I (use Mozilla Firefox; do NOT update Java, just run it)

[http://physics.bu.edu/ulab/prelabs/prelab\\_collisions\\_new.html](http://physics.bu.edu/ulab/prelabs/prelab_collisions_new.html)

To practice exercise (do NOT use Mozilla Firefox, use IE; do NOT update Java, just run it):

[http://webphysics.davidson.edu/physlet\\_resources/bu\\_semester1/index.html](http://webphysics.davidson.edu/physlet_resources/bu_semester1/index.html)

click on [Finding the center-of-mass](#)

### **Lab 7**

Part II (for the visualization of the experiment)

[http://physics.bu.edu/ulab/prelabs/prelab\\_torque.html](http://physics.bu.edu/ulab/prelabs/prelab_torque.html)

### **Lab 8**

[http://physics.bu.edu/ulab/prelabs/prelab\\_SHM\\_new.html](http://physics.bu.edu/ulab/prelabs/prelab_SHM_new.html)