

A-Day: due Thur. Aug. 17 (Assigned 8/15)
B-Day: due Fri., Aug.18 (Assigned 8/16)

Measuring 1

Mr. Murray's Regular Physics

- 1) Have your Lab Safety and Class Rules sheet signed and return it to class by Tuesday.
- 2) Why are closed-toed shoes required in the lab?
- 3) Where is the class fire extinguisher?
- 4) What would you wear to protect your skin and body from chemical spills?
- 5) What do you do if glass breaks in the classroom?
- 6) Where do you look for detailed safety information on a particular chemicals?
- 7) Which is more dangerous?
Chemical A: Health 2
Chemical B: Health 4
- 8) If you get vinegar in your eyes, should you rub them or wash them?
- 9) Where on the MSDS would you find information if you spill on your skin?
- 10) A barnacle (a kind of shellfish) lives on whale. Since the barnacle is a filter feeder (eats from the water that passes through it), living on the whale gives it greater food access since the whale moves, allowing more water to pass through. The whale could care less, since it is neither helped nor harmed by the barnacles. What kind of symbiosis is this?
- 11) Give an example of predation:
- 12) Give an example of mutualism:
- 13) List the songs that are on Mr. Murray's Website (found in "Study Helps").
- 14) Look in Mr. Murray's Teacher Notes for "Work and Energy" Notes to answer the following:
 - A) An object in the air has what kind of energy?
 - B) A spring has what kind of energy?
 - C) Friction is what kind of energy?
- 15) Go to Study Helps, then Physics Study Helps, the Magnetism, then Right-Hand Rule 1. Find the graphic shown on the right (just click thru, until you find it). Answer the related question: "In what direction is the force?"

