- 1. What is Light?
- 2. Determine whether in each of the following circumstances the energy of the system of interest in question has increased, decreased or remained the same. Explain your reasoning.
- You pull a wagon (the system) to the top of a hill.
- The same wagon rolls down the hill and comes to rest at the bottom of the hill.
- A sled, initially at rest on some ice, is pushed until it reaches some speed (at which time you the pusher falls down!).
- A child's merry go round is started turning round and round.
- A light bulb (your system) is turned on.
- A light bulb is connected to a battery (your system is the battery)
- 3. Describe about yourself briefly in a paragraph or two.