Name:	Date:	Class:

Homework Handout

Reflection Questions

In your notebook, respond to the following questions. Leave space to make additions and revisions at a later time.

- For each of the following functions, explain what they do and how they work (what must go in between the parentheses). Then, give an example of how you would use each one in a line of code (separately).

 pinMode()
 digitalWrite()
 analogWrite()
 delay()
- 2. From a physics perspective, what is happening at a pin when the Arduino turns on the LED? Discuss/explain using the terms voltage & current.

3. Many electronic devices have microcontrollers. Find two in your home or school that control actuators. Identify the electronic device ("What is it?"), its purpose ("What is it used for?"), and the actuators connected to it.