**Bonus Quiz Review: Honors Chemistry, Quarter 1**

1) What is the fume hood used for in the lab?

2) Write the six steps of the scientific method, in order.

3) Which of Dalton’s laws do we now consider to be untrue?

4) Convert 45 m to inches. (There are 2.54 centimeters in 1 inch)

7) Define the following (2 pt each)

* Law of definite composition
* independent variable
* orbital (quantum version)
* isotopic mass

8) How many protons, neutrons, and electrons are there in a neutral atom of uranium-238?

9) How is the flame test used to identify unknown elements?

10) How does the Bohr model of the atom differ from Dalton’s model?

11) What is the long version of the electron configuration of cobalt?

12) What is the short version of the electron configuration of vanadium?