Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Chemistry Honors Close Read #1**

*Text dependent questions for close read article on John Dalton.*

**Directions: All questions must be answered in complete sentences and specific evidence from the article must be cited to support all answers.**

1. What kinds of experimental studies did John Dalton do to lead him to his conclusions regarding atomic theory?
2. What is meant by *lesser colleagues*?
3. What questions would you ask of the French chemists who used their authority to punish *lesser colleagues*?
4. What do you see as possible outcomes if Dalton’s atomic theory took longer to receive support from the scientific community?
5. What differences exist between statements made by others and the statement Dalton made about different elements have different masses?
6. What are two main ideas the author wanted us to take away from this article?
7. What has modern scholarship identified as the basic ideas of Dalton’s atomic theory and can any additional ideas be added?