

3.091 Fall Term 2009

Homework #5b

October 8 (to be **submitted** October 15)

This homework assignment is to be *typed, printed out, and TURNED IN* at recitation next week (Thursday Oct 15). It will be worth 5 points.

To complete this assignment, **visit the library web page for 3.091**, found at <http://libraries.mit.edu/3.091> or through the link on the 3.091 course page. Completing the assignment should not take longer than 30 minutes. If it is taking longer than 30 minutes to complete, please ask a librarian or your TA for help.

In 1995 Mario J. Molina and F. Sherwood Rowland were awarded the Nobel Prize in Chemistry for “their work in atmospheric chemistry, particularly concerning the formation and decomposition of ozone.”

1. *Cite the published article (not meeting abstract) in which they announced this discovery to the world. Please provide a complete citation in ACS Format.*

Example: Author, A. B.; Author, C. D. Article Title. *Journal Title* **Year**, volume, (issue), page number range.

2. *Look at the article found in question 1.*

a. *What is the earliest (oldest date) journal article cited by the authors?*

b. *Do the MIT Libraries own the journal volume cited in part 2a.? If yes, in which library is it located, and what is its call number?*

c. *Is the article found in part a available online through the MIT Libraries for the year it was published?*

NOTE: You do not have to go to the library and physically locate this journal to answer the question.

3. *How many times has the original Nobel Prize winning article by Molina and Rowland been correctly cited by others?*

4. *How many of the articles that correctly cited the original Nobel Prize winning article by Molina and Rowland were REVIEW ARTICLES?*