Grading criteria - based on critique sheet:

[1] 1. Abstract: Does it briefly and succinctly summarize the paper?

[3] 2. Is the paper well organized, clear, double-spaced, and written in 12-point font? Does the paper adhere to standard scientific paper format? (See examples in the *American Journal of Physics*)

[3] 3. Does the writing flow well? Is the presentation logical, critical, and thoughtful? Is the topic appropriate? Is the content appropriate, accurate, and rigorous?

[2] 4. Are there punctuation, spelling, and/or grammar problems?

[1] 5. Where appropriate, are data presented in clear tables and with well-labeled, computer-generated graphs? Are all diagrams computer-generated? Are the figures of a reasonable size?

[2] 6. Is the conclusion well-formulated and thoughtful? Does the writer give suggestions for improving on what is discussed in the paper and/or in the original sources?

[2] 7. Are references to the original sources cited properly? Do the endnotes follow the format required for submissions to the *American Journal of Physics*?

[14] = Total

**NOTE:** [2] Additional points will be given for your critique, so the total possible points will be out of [16].

**Additional Note:** As usual with college-level work, plagiarism will result in zero credit.