

## **Grading rubric for Math 5 (math) problems:**

Math problems will usually be graded on a five point scale.

- 5 pts    The solution is perfect.
- 4 pts    There is one, and only one, minor error in the last line of your solution. This includes things like: +/- error with final answer, transcription error on final line, etc.
- 3 pts    Your first few lines are perfectly correct, but something happened thereafter that affected the final solution.
- 2 pts    Your first line is perfectly correct, but something happened soon thereafter that affected the final solution. This would include making a +/- error on the second line, or a transcription error on the second line, and then having that affect the outcome of your solution, etc.
- 1 pt.    Your first line is incorrect: You used the wrong formula, you made a +/- error on the first line, you guessed, etc.
- 0 pts.    There is no first line to your solution.

**\*\* Word problems must end with a complete sentence that includes the proper units (if the quantity desired has units). \*\***

It is possible (though rare) for the instructor to assign grades of 1.5, 2.5, 3.5, 4.5. If so, the professor will explain specifically what type of solutions earned that score.

In addition points may be deducted from individual problems or from the set in general if the following happens:

- Not submitting the assignment when it is collected.
- Turning in a “rough draft” instead of a clean draft of the solution(s).
- Not addressing part of the question.
- Not writing clearly.
- Not justifying your answer completely, clearly or accurately.
- Not showing all your work (even if you include a correct final answer).

Please note, for HWs #1 and HWs #2, the instructor will give the students the benefit of the doubt with grading decisions (to give the students a chance to get used to the grading expectations and to allow for students who might have been shopping several classes).

When in doubt about how to express your solution, please err on the side of caution: pick the neater, more complete, more rigorous, more precise, etc. variation of the solution.

Also, please do not hesitate to ask the professor any questions about grading in general or about a particular solution to a math problem set.