

Rubric for Assessments with no initial grade followed by corrections

Name _____ Problem Set _____ Grade _____

Score	Initial conceptual understanding	Initial skill level	Use of comment and effort to improve work	Final solution
3	Solution shows excellent conceptual understanding by making correct connections, showing complete justification and/or explanation of question and problem and possibly goes beyond. Intuition and/or creativity in problem solving have been utilized and connection to other problems done in class has been made.	All skills required to solve the problem are completed to the highest standard and work shown is correct and shows mastery of the concept.	Problem was initially fully conceptually and skillfully correct or student is able to successfully use comment to improve their work and correct initial errors. Independently works to find errors and correct work on paper while in class. Student is motivated by the learning.	Initial or revised solution is clearly written with full work shown, correct answer, justification, graphs and diagrams. All initial errors have been corrected.
2	Solution shows good conceptual understanding by making some connections to problems we have done for hw, but a full connection is lacking.	There are minor errors in the skills needed to solve the problem.	Student erroneously "corrects" something that is correct, attempts to correct an error but fails, reads comment but does not know what to do, or how to use the information and asks for help from the teacher.	Small, careless errors remain in final submission or conceptual explanation remains unsatisfying or "surface" explanation.
1	Major misconceptions are shown but an attempt is made to solve the problem.	Evidence of major mathematical errors in the skills needed to solve the problem.	Student does not complete all corrections for problems on which feedback is given. Little effort goes into making the corrections from the feedback given and does not make use of time in class to the best of his/her ability.	Final solution still contains errors and description of justification of answer is incorrect on many levels.
0	The problem was blank	The problem was left blank	Student did not read the comments or there is no evidence that he/she used them at all in making the corrections.	There was no final solution shown on the corrections.
total				

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A perfect score on each problem would be a 12 (3 in each category) - Final score for each problem on assessment is the sum (0-3) in each category.

All corrections are done in class.