

## Test Reflection Assignment (20 pts)

Alright, you're done! Congratulations! But instead of completely forgetting about how this exam went, it is important to reflect on what you knew and what you didn't know. After all, this material will be on the final, and the next two days are the best time to solidify the things you knew and fill in the gaps that you didn't get. So here is your assignment that you will need to turn in on Friday. (This reflective technique can be useful for all of your classes, by the way.)

- Relax for a bit after your exam. You've earned it (assuming that you worked hard :).

- Sometime tonight and/or tomorrow, re-work your exam in its entirety. You did it just now in 50 minutes, but allow about 2 hours (or maybe more) for this process, so that you can absorb the material more fully. Try to do the problems by yourself, and then check with the solutions (which you now have). For problems you didn't understand, feel free to use the solutions to guide you to the answer, but refer to your book or your notes to understand each step given to you in the solution. Then rework the problem on your own and make sure that you understand why this is the correct process. Feel free to work and discuss with fellow classmates. (Optional: for problems you didn't get on the exam, find similar problems in the text and work on those also to see if you can solve them now.)

This is what you need to turn in on Friday on your own paper:

- 1) Write up each problem fully and correctly in your own writing, using steps that are comfortable to you (they do not have to exactly match the solutions, as long as the steps are correct and lead to the correct solution). This is now your personal solution manual. Leave plenty of space in between your steps for the next part.

- 2) For each problem on your personal solution manual, use another color to note the parts that you did not get correct when you took the exam the first time. It's true that you don't have your original exam with you to do this, but remember as best you can what you did on your original exam. Circle the ideas that you had forgotten or hadn't understood (or maybe made a silly mistake on) and make comments about what you were thinking or what you didn't know. If you know you got a problem correct and showed your work, just write "Got it" on the bottom. Do this process for each problem.

- 3) Now look through your personal solution manual with your comments. Refer to the typed solution manual for how many points each problem and each part is worth. Based upon the comments you made, estimate how much credit you got on each problem when you took your exam originally. (While you will get some partial credit for incorrect solutions that have some quality work, be careful not to be too generous with your own partial credit points.) Add up the points you think you earned and write this total on the front. This is your prediction for how well you did on your exam. (I hope to see lots of predictions in the 90's!)

You will be getting your graded exam back on Friday. When you get it back, compare

your actual grade to the grade you thought you would get. (Note: this activity will not affect the actual score of your exam. In other words, don't ask for a regrade. :)

If the scores are close to each other, then this means you did a good job of reflecting upon your work and understanding what you knew and what you didn't know. This is an important skill to have, even if your actual score was not where you wanted it to be-before the second exam, do this reflection beforehand to decide what you will need to work on more (based on homework, quizzes, and sample exams), before it's too late!

If your calculated score is vastly different than your predicted score, carefully examine the difference between the way you graded yourself and the way your test was graded. Perhaps you were relying too heavily on partial credit, hoping to get points when you were actually shooting in the dark. Maybe you didn't remember what you did on the exam originally. But it is important to be able to identify and understand what you did well and what you did not do well on. Clarifying this in your mind will help you know how well-prepared you are going into the next exam.

See you Friday! -Phil