

## 3450:222-004 Survey on quizzes Spring 2007

Please fill out this anonymous survey.

I like to give a mix of homework and quizzes because often students who have a difficult time mastering one kind of work have success with another. As such, a combination allows students to showcase their different strengths. Also, homework lets you get insights from the solutions manual, and quizzes foster your ability to work problems independently of the solutions manual.

Rank 1–5 how well you feel you do in the activities below. (Rank your strongest area 1, second-strongest 2, etc.) If you aren't sure about some of these requirements, leave them out of your ranking.

- \_\_\_ homework, **1 (14), 2 (7), 3 (1), 4 (1), 5 (3), BLANK (0)**
- \_\_\_ on-line quizzes **1 (7), 2 (14), 3 (3), 4 (1), 5 (0), BLANK (1)**
- \_\_\_ in-class quizzes **1 (0), 2 (10), 3 (6), 4 (10), 5 (4), BLANK (4)**
- \_\_\_ midterm exams **1 (5), 2 (2), 3 (10), 4 (4), 5 (4), BLANK (1)**
- \_\_\_ final exam. **1 (0), 2 (2), 3 (2), 4 (7), 5 (11), BLANK (4)**

Circle whether you VALUE or DON'T VALUE each quiz feature listed below. If you don't agree with the statement itself, circle DISAGREE. If you don't have an opinion, don't circle anything. Write comments if you like.

1. WebWork alerts you if you get the wrong answer so you can rework the problem.  
VALUE (**24**), DON'T VALUE (**0**)
2. WebWork knows how to interpret expressions like  $\sin(\pi/6)$  (whereas I would make you evaluate such expressions yourself exactly on an in-class quiz).  
VALUE (**24**), DON'T VALUE (**1**), BLANK (**1**)
3. Quizzes help students keep up to date in the course.  
VALUE (**24**), DON'T VALUE (**0**), DISAGREE (**1**)
4. Students can take on-line quizzes even if they have to miss class.  
VALUE (**24**), DON'T VALUE (**2**)
5. In-class quizzes motivate students to attend class.  
VALUE (**6**), DON'T VALUE (**9**), DISAGREE (**9**), BLANK (**2**)

(OVER)

6. Which do you value more? **23 circled (a)**, **1 circled (b)**, **2 left back of quiz blank**.

(a) On-line quizzes take away the time pressure of 20-minute quizzes.

(b) In-class quizzes take less total time than on-line quizzes.

7. More class time can go toward Q & A than would be possible if we blocked out time for in-class quizzes.

VALUE (**23**), DON'T VALUE (**1**), left blank (**2**)

8. WebWork removes the subjectivity from grading.

VALUE (**13**), DON'T VALUE (**6**), DON'T VALUE (**7**)

9. The academic-honesty policy for on-line quizzes allows you to **consult the book or your professor or learning assistant when reworking a problem but not to collaborate with others on quizzes. Also, you may draw graphs on a graphing calculator if you wish. If your calculator or computer algebra system (CAS) can solve the problem directly, use it to CHECK answers AFTER you have already done the problem completely on a piece of paper, showing your work.** Do you adhere to this policy for academic honesty?

YES (**24**), NO (**0**), **2 left back of quiz blank**.

Do you feel comfortable with the policy? Do you think it is appropriate? How do you feel it should be modified, if at all?

- The policy ensures we do the work ourselves, which helps us learn.
- Students should be allowed to work together. If they are not copying any problems then they are just helping one another learn. (5)
- Other tutors than Wes should be allowed to help us. (2)
- We should be able to work with one other person.
- Let students get help from others in the math department.

10. What other pros and cons do you feel on-line quizzes have? What policies should stay in place, and which should change?

**Pros:**

- On-line quizzes break up the routine of nightly homework.
- The four chances let you learn how to do the problems right. (3)

- On-line quizzes help me learn better.
- Deadlines keep me on-track.
- You get the same questions when you log on later to continue the quiz.
- You get an extended period of time for the quiz. (2)
- There's no pressure. (2)
- Being able to correct wrong answers helps my grade.
- On-line quizzes give you a good reason to see the professor if you are having trouble.
- I value that I can ask the professor and LA for help. (3)

**Cons:**

- There is no partial credit. (4)
- On-line quizzes are harder than in-class quizzes would be.
- The WebWork software is confusing.
- You have to use a lot of parentheses.
- The final answer might not be presented to WebWork in the right form, but the work is not graded.
- WebWork requires four or five decimal digits in decimal answers.

**Suggestions:**

- Allow one retake for an individual quiz.
- Make quizzes more than four questions.
- Keep on-line quizzes. In-class quizzes create too much stress.
- Don't use quizzes to replace homework assignments.
- Quizzes should cover important concepts over multiple sections.