

HOW TO GET FULL CREDIT FOR GENETICS HOMEWORK page 6

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Mastery of genetic principles frequently requires skills in logical and mathematical problem-solving. Since these can only be developed by their application to example problems, genetics homework is regularly assigned to exercise these skills. Five points will be awarded for each set of problems which is completed according to the following guidelines. Note that the guidelines include standardized features which make it easier for me to review and credit your work. Failure to meet all of these guidelines will result in deduction of 1 or more points for a given problem set.

- 1) Do your homework on an **8.5 x 11 piece of paper *without shredded edges*** (please).
- 2) At the **TOP RIGHT corner of the page, write:**
 - a) your **name** and your **assigned class student number** (determined alphabetically)
 - b) the **due date for the homework** as stated on the syllabus.
 - c) the **page number and the numbers of all problems assigned**.
- 3) **FOR EACH PROBLEM:**
 - a) **Restate the problem** so that anyone who reviews your paper can understand the essential aspects of the problem. Restatement of the problem is extremely important in understanding the problem, and assisting you with its solution.
 - b) **Illustrate and/or explain how you are solving the problem**. Include Punnett squares or other illustrations to clarify the problem and/or its solution
 - c) **SHOW YOUR WORK!** Give each logical step, etc. (*I.e.*, just giving the final answer won't cut it...*)
- 4) **Turn in the homework at the beginning of class on the due date.** (One point is deducted for each class day late.)

*** Note:**

Getting the *correct answer* is not mandatory to get full credit for homework, but you must display *sufficient effort and at least partial understanding* of the problem and its solution. Indeed, I probably will not correct the errors you make, but rather acknowledge that you have effectively worked on the problem. Copying the answers from the back of the book and handing them in does not qualify as doing homework (duh...).