

1. First, study **WELL** the box titled: **Tips for Genetic Problems** (at the very end of the chapter in the Chapter Review section).
2. Then, complete the Test Your Understanding problems #1 through #14 on separate sheets of paper (as with all study guides, write in dark pen so your scan is easy to read).
  - In Appendix A of your textbook, you will find the solutions to each problem so you can check your final answers **after** you are done giving each one a serious attempt.
    - Do **not** jump to the given answer before really trying to figure out the solution yourself by reviewing again the relevant section of your textbook if necessary, or you will only short-change your own learning.
3. You must **SHOW ALL YOUR WORK!** Only showing the final answer (or parts of all the steps taken) to arrive at your final answer will **not** earn you credit for this assignment - your job is to **SHOW and EXPLAIN HOW** you too arrived at every final answer.
  - You must **NEATLY** and in an **ORGANIZED** manner, showcase/explain **EVERY STEP** you take to solve each problem.
    - (1) Write each new major step in a solution on a **new** line so that your thoughts and actions can be traced down the page vertically and in a logical manner. Don't scribble random calculations or genotypes all over the place.
    - (2) Your answers should clearly showcase to the reader every logical step you took, every Punnett Square you used, and every calculation completed in neat and legible handwriting.
    - (3) Leave a few blank lines **between** every subpart of the same problem and between every new problem.
    - (4) When you draw a Punnett Square, draw it **large** enough so you have enough space for all the gametes' genotypes and your offspring's genotypes.
    - (5) **Remember, always figure out and list the parents genotypes first before you start showing which gametes or offspring they can make** (even if the problem doesn't ask for you to do so directly)!