

- Go over the rev sheet from first trimester (your test is cumulative)
- Review all three tests that you have taken
- When reviewing your first trimester exam or the last test you took (for which the solutions are posted online), make sure you study the extra credit (EC) questions as well; they are as important as the rest of the questions. The extra credit questions 1 and 2 of last test are very important!
- Make sure you bring in a ruler to the test; you can only write with pencil not pen
- Study section 7.6 in your book (many of you hadn't answered questions on systems of linear inequalities correctly on the test)
- Study 8.5 and 8.6 in your book (again many of you had problems with that)
- Study geometric and arithmetic sequences and memorize the formulas (if you were absent, read pages 309 and 539)
- Study your notes on sets of numbers and use intersections and unions to solve inequalities (as you had in your last test); use sets to describe domain and range of functions.
- You must know how to graph linear, exponential and absolute value functions. In order to find the vertex (the sharp point!) of an absolute value function, set the terms inside the absolute value sign equal to zero and solve for x . For instance, in your last test you had: $y = |3x - 1| + 1$. If you set $3x - 1 = 0$ then $\Rightarrow x = \frac{1}{3}$ is your vertex (more accurately, the point: $(\frac{1}{3}, 1)$).
- Study chapter 9 except section 9.6; do as many practice problems as you can (do all the examples that I gave you in class)
- In the extra sheets that I gave you, go over 9.23—9.37; finding maximum and minimum will be extra credit but you have to be able to graph and find the region of intersection of inequalities (also reviewed in your book (pages 472—473))
- In the extra sheets that I gave you, go over 10.31—10.51 except for the questions that I excluded in the class (those with coefficients of other than 1 for the non-linear term)
- Go over the handout from “shahomework” that I gave you. Go over the inequalities, sets and “work problems” in those sheets (very important!)
- The exam range is chapters 1—9 (except 9.6) and you must also go over all handouts (word problems etc.)