

MATH STUDY SKILLS

1. Study **before** you start your homework. READ the text, go over lecture notes, work through examples, spend time learning the basic ideas of the section.
2. Rework MODEL problems over and over until you can do them without stopping. This is the crucial step that most students overlook. Instead of figuring out what is being taught in the model problem, many students jump right into doing homework without the benefit of understanding the model problem
3. At the top of each homework set, write down all formulas that you will need to use for the section.
4. Attempt all homework before asking for assistance: don't give up before you have given your brain a chance to absorb some new ideas. Perseverance pays off.
5. "Teach" your classmate or a family member how to do a problem. "To teach is to learn twice." If you have no one to work with at the moment, recite the steps out loud to yourself (auditory learning).
6. Create summary sheets for each section, using colored ink or colored paper to highlight important concepts, model problems, tricky examples.
7. Correct all errors made on tests. Keep tests and corrected answers to use as study guides for the final exam.
8. Use your resources: visit your instructor during office hours, call a classmate, study with a classmate at school, visit a tutor in Andrews 231, read your text again. Some courses also have videos that correspond to each text section—check the library to see if videos are available for your course.