Some items intended for the first lecture

*College vs. high school:

Premises:

a) Aspiration of *flexibility*: to be able to judge when and how to use the methods in new situations.

b) To learn better and more rapidly than in high school.

Consequences, that can be found *in Hopkins Freshman Planner:*

i) Most of the learning takes place outside of class [includes reading and learning from written sources],

ii) The *student* is responsible for learning the material.

What is the instructor to talk about in the lectures? Scope of the course, the conceptual base, and advancing past the easier topics; some examples worked out to explain concepts and definitions, or complement the ones in the textbook.

[Please comment.]

You don’t have to follow a lecture to learn from it! Learning is a process, not just the ultimate state. Harder topics will take time.

Ten resources available for learning:

1) Textbook, 2) Prof’s lectures, 3) Section (quasi-remedial), 4) your Brain, 5) Other students, 6) Prof’s office hours, 7) TA’s office hours, 8) Math Help Room, 9) Learning Den, 10) Prof’s review before exam.

By the way, I don’t conduct #2, #6, and #10 the same way.

Students who “had” the stuff before may irk you, ... or did they just read from the textbook beforehand? *Any* student can thereby have it before!