

## 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!