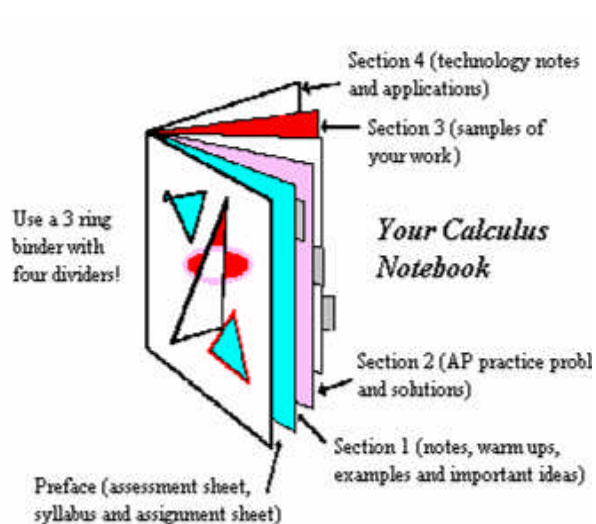


YOUR AP CALCULUS NOTEBOOK

We are starting the first semester of Calculus. This semester we will develop many new concepts and techniques, including applications to science and the world around us. We are entering collegiate level mathematics. Thus, we are not just problem solving, but developing a philosophical approach to understanding mathematical systems and acquiring a powerful set of tools for exploiting that understanding.

We will maintain notebooks this semester which are to be organized as shown:



1. Preface: Assessment sheet, syllabus, and assignment sheet (optional) in this order.

2. Section 1: Your warm ups, notes and summaries of important derivations.

3. Section 2: For your Challenge Problems, AP practice problems, and their solutions.

4. Section 3: For samples of your work. These include homework, class work, quizzes and tests. Mr. James will inform you of the items to be included for each unit.

5. Section Four: For other notes or applications related to the graphing calculator.

IMPORTANT NOTES:

Your notebook **must** be a three ring binder with tabbed dividers that you keep *well organized*. *Each section must be in chronological order*. I will read it after each unit and respond to your work.

1. Homework sets will have all reasonable work shown on computations. I am interested in how you think about and solve problems as well as whether the solution is "right."

2. Since the course is designed to prepare you for the AP Examination in Calculus, there will be a strong emphasis on the graphing calculator and its application and value as an analysis and solving tool. Accordingly, I will be looking for your progress in applying this important technology.

3. We will exploit group participation as we explore calculus. Because this is a college level class, the highest standards of professionalism are expected. Treat these as your first important steps in collegiate quality work!