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Luz Maria DeAlba* (luz.dealba@drake.edu), Mathematics and Computer Science, 2507 University Avenue, Des Moines, IA 50311. *Review Sheets: Motivating students to learn and self assess*. Preliminary report.

Most of the review we have done in the past consists of handing out old exams or suggesting sets of problems from of the textbook. We also inform our students they need to study the entire chapter before a test. In this talk we present a form of review sheets, for Calculus and Linear Algebra, that may help students to use their study time more effectively and feel motivated to learn mathematics.

Our review sheets focus on specific material from notes, worksheets and the textbook and correspond to 10% of the final grade. These sheets include specific goals, directions for study and recommendations for getting help if needed. Students are guided through the material, where emphasis is placed on understanding concepts, and a variety of algebraic, numeric, and graphic interpretations are proposed. An additional sheet is required for technology review when technology is used for the course. A self-assessment section is included at the end of each sheet. The goals and overall nature of the sheets can be modified to align goals with student outcomes if desired. (Received September 23, 2005)