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Mary D Shepherd* (msheprd@nwmissouri.edu), Department of Mathematics and Statistics,
800 University Drive, Maryville, MO 64468. *Some Calculus 2 Students Seem to Prefer Procedural
Approaches to Exercises over Conceptual Ones.*

This paper presents the results of a study performed during the Spring 2006 semester. Students in a typical Calculus 2 course, in an interview situation, were presented with two problems that would require a conceptual approach as opposed to a procedural approach to handle. When available, students seemed to prefer to arrive at an answer based generalization from examples where a procedural approach was available to a conceptual approach. Even when no readily available examples existed, some students seemed to trust a possibly wrong calculation over a conceptually derived at answer. (Received September 25, 2006)