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The use of Peer Instruction in a beginning Physics class was pioneered by Eric Mazur and is currently used by many physics professors. This method uses "ConceptTests", a multiple choice question which the students answer after a minute of deliberation, and then answer a second time after discussing the question with nearby students. This past semester we used multiple choice questions (some developed by Scott Pilzer) and other concept questions in our Calculus I classes. After introducing a topic, a question was asked (using either an overhead or a handout). After a short period of individual deliberation, usually a minute or so, the class was polled. Then students were given an opportunity to work in groups, after which the class was polled again. Many of these questions used graphs (for example, associating a function with its derivative, or determining the number of critical points for composite functions given graphically) but others had the students choose! ! ! functions which are continuous everywhere or choose functions which have identical domain and ranges. Several examples will be given along with an assessment of results. (Received October 03, 2000)