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This talk will start with definitions of mathematics given by laypersons and experts, and move on to examine the differences in faculty and student views of the discipline of mathematics. It will then consider several reasons why we should attempt to bring student views more in line with those of the "experts." Lastly, it will describe the results of a pilot intervention undertaken in one course for future teachers to enrich their understanding of what mathematics entails. (Received September 28, 2005)