MA 123 A2   Name: _____

Summer I 2017   **Student ID:**   _____

Quiz 1

No books, notes, or calculators.

In order to score points you should show *all* your working on this quiz.

There are a total of 5 points available.

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1. (a) (4 points) What is

$$\lim_{x \to 2} \frac{x^3 + 1}{x^2 - 1}?$$

(b) (1 point) What about

$$\lim_{x \to 1} \frac{x^3 + 1}{x^2 - 1}?$$