

Engineering Calculus I - MAC 2281 - Section 002

QUIZ II

First Name:

Last Name:

1. (6 points)

Compute the following limits. Show all work and **state any theorems or special limits used.**

- $\lim_{x \rightarrow 2} \frac{4x - x^3}{2 - x} =$

- $\lim_{x \rightarrow \pi} \frac{3(x - \pi)}{\sin(x - \pi)} =$

2. (4 points) State the Squeeze Theorem.