

Calculus I
TA/classroom: _____

Name: _____
Student ID: _____

Quiz 7

Dec. 5, 2007

1. (8 pts) Estimate $\sqrt{4.02}$ by the method of linear approximation.

2. (6 pts) Compute

$$\lim_{x \rightarrow 0} \frac{e^x - 1}{x^2}$$

3. (6 pts) Compute

$$\lim_{x \rightarrow 0^+} x^x$$