

Math 101 Quiz 4

Sr. Num.: ID. Num.:

Name:

Q: Find the limit, if it exists:

$$\lim_{x \rightarrow 1} \frac{x^3 - 1}{\sqrt{x} - 1}$$

Q: Use the $\epsilon - \delta$ technique to show that

$$\lim_{x \rightarrow 1} (1 - 2x) = -1$$