

Math 2250 Quiz 1.5 (Practice)

Name _____ Section _____

Points will be deducted for untidy or disorganized answers

1. (5 points) Let

$$g(x) = \begin{cases} \frac{x-1}{\sqrt{x}-1} & \text{if } x \neq 1, \\ 1 & \text{if } x = 1, \end{cases}$$

evaluate

$$\lim_{x \rightarrow 1} g(x).$$