

Quiz #3B

Math 101 - 15

Sem 031

Name _____ I.D.# _____ Serial # _____

Q1 $\lim_{x \rightarrow 0} \frac{\sin x - x}{\sin 2x}$

Q2 Find the point(s) at which the function $f(x) = \frac{x-2}{|x|}$ is not continuous.

Q3. Determine if $f(x) = \frac{1}{x^2 - 2}$ has any zero in the interval $[-1, 1]$