

MATH 101-28 (091)
QUIZ # 2

NAME:

ID. #:

Q1. Find the horizontal asymptotes for the graph of

$$f(x) = \frac{2x}{\sqrt{x^2 + 5}}$$

Q2. Compute

$$\lim_{x \rightarrow \infty} \sqrt{x^2 + 1} - x$$