

Name:

Sec. 2.6 - Limits at Infinity

Math 251

1. $\lim_{x \rightarrow \infty} \frac{x^2}{x^4 + 1}$

2. $\lim_{x \rightarrow \infty} [\ln(2 + x) - \ln(1 + x)]$

3. $\lim_{x \rightarrow \infty} (e^{-2x} \cos(x))$

4. $\lim_{x \rightarrow \infty} (e^{-x} + 2 \cos(3x))$