

# Math 2215 - Calculus 1

Quiz #3 - 2011.01.26

Name: \_\_\_\_\_

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Compute the following limit:

$$\lim_{x \rightarrow -\infty} \frac{3x^3 + 6x^2 - 8x + 1}{\sqrt{14x^6 + 45x^5 - x^4 + 32x^3 + 23x^2 + x - 1}}$$