

## Quiz 22

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

Find the following limits.

1.  $\lim_{x \rightarrow \infty} \frac{x^5 - 5x^2 + 1}{x^4 + x + 1}$

2.  $\lim_{x \rightarrow \infty} \frac{0.5}{1 - (0.5)^x}$