Math 160   **Quiz** 2   **Name:** _____

July 3, 2002

This quiz is worth 10 points. Show all work for credit.

Let $f(x) = x^2 + 1$

1. Write $f(2)$:

2. Write $f(y)$:

3. Write $f(x^2)$:

4. Write $f(x + h)$:

5. What is the Natural Domain of $f(x) = \dfrac{3 + \sqrt{x}}{x - 1}$: