Math 2013 - Introduction to Discrete Mathematics

Quiz #4 - 2005.09.16

Name: _____

Define $f(x) = x^2 + 1$ and $g(x) = \sqrt{x+1}$ from $\mathbb{R}$ to $\mathbb{R}$.

1. What is the domain of f?

2. What is the range of f?

3. What is the domain of g?

4. What is the range of g?

5. What is the value of $(f + g)(3)$?