Math 122 Quiz 2: Sections 1.1-1.3

Name: _____

1. Consider the function given by $f(x) = x^2 + 1$. Find the difference quotient (average rate of change) between $x = 1$ and $x = 4$.

2. On January 27, 2013, the cost to mail a letter in the US was raised from 45 cents to 46 cents. Find the relative change in cost.