Quiz 10   Calculus 1   11/4/2002

Each problem is worth 5 points. Show complete justification for full credit.

1. Use Newton's Method with initial approximation $x_1 = -1$ to find x_2, the second approximation to the root of the equation $x^3 + x + 1 = 0$.

2. Use Newton's Method with an initial approximation $x_1 = 2$ to find x_2, the second approximation to $\sqrt{3}$.