

Name: _____

Math 120E
November 29, 2001

Show all work for full credit.

1. (5 points) Find four solutions of the equation

$$5 \sin(x^2 - 3) = 4$$

2. (5 points) Express the following function in standard exponential form:

$$f(x) = 7 \left(4^{6x-3} \right)^{\frac{1}{2}}$$