

04/12/2001

NAME:

MATH 1151 QUIZ-11 (15 minutes)

1. (3 points) Solve the equation $x^3 + 2x^2 - 5x - 6 = 0$ in the real number system.

2.(3 points) Solve the equation $x^4 = 1$ in the complex number system.

3.(4 points) Find the complex fourth roots of 1, leave your answers in polar form with argument in radians.