

**Mathematics 122 Quiz #3**

Name: \_\_\_\_\_

1. Use your calculator to find the solution of  $x^3 + 2x + 2 = 0$  accurate to three decimal places. State your answer in the form of a complete sentence so that someone reading it can easily reproduce your answer.

2. Let  $f(x) = \frac{x^2}{2} - 1$ . Then find the equation of the line through the points  $(0, f(0))$  and  $(2, f(2))$ .
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