## 12 Quiz 12 MAT 1275 Professor Chiu

Name:

- This quiz consists of **2** questions, each worth 5 points for a total of **10** points.
- You have 15 minutes to complete the quiz.
- Show all work and justify your answers.
- Scientific calculators are allowed.
- Wishing you success.

1. Solve  $(2x-1)^2 = 5 = (\pm\sqrt{5})^2$  $5 = (\pm \sqrt{5})$ (1)2) Use "1" to ∧ (2X-1 2X-1==15 canol "squan" +1۱±. isolate "X"  $x = 1 \pm \sqrt{5}$ 2. Solve  $x^2 + 4x + 2 = 0$ Quadratic Formula A=1, B=4, C=2 Solve "Ax+Bx+C=0", f=1/16-4.1.2  $R = \sqrt{2^2 \cdot 2} = 2\sqrt{2}$ 12