

Quiz # 1

Directions: Carefully read each question below and answer to the best of your ability in the space provided. You **MUST** show your work to receive full credit!

1. (5 points) Solve the following quadratic equation:

$$x^2 + 5x + 6 = 0.$$

2. (5 points) Does multiplying both sides of an equation by $(x - 1)$ always produce an equivalent equation? Explain why or why not.

3. (5 points) Find all the solutions to the following equation:

$$\sqrt{1 - t} = t + 5.$$

Name: _____

Question:	1	2	3	Total
Points:	5	5	5	15
Score:				