Eighth Quiz
October 25, 2010

Name: _____

1. Solve: $6x^2 + 11x + 3 = 0$

2. Solve: $x^2 - 6x + 2 = 0$

3. Solve: $10x^2 + x = 3$

4. Solve: $x^2 - 7x = 27 + 5x$

5. The equation
$$ax^2 - 4x + a - 3 = 0$$
has a double solution. Find a.