Math 127
Quadratic Equations Worksheet

Name:_____

Solve each of the following quadratic equations
[use factoring for 1 and 2, complete the square for 3 and 4, and use whichever method you prefer for the rest]:

1. $2x^2 + 10x = 0$

2. $3x^2 + 10x = 8$

3. $x^2 - 5x - 2 = 0$

4. $2x^2 + 6x - 3 = 0$

5. $x^2 + 4x + 1 = 0$

6. $6x^2 - x = 15$

7. $2x^2 - 5x + 7 = 0$

8. $2 + \dfrac{5}{x-1} = \dfrac{12}{(x-1)^2}$