

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

Worksheet 7.2  
Quadratic Formula

Use the quadratic formula to solve the following equations but don't simplify the radical unless

it is a perfect square.  $\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

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

2.  $3x^2 - 2x - 7 = 0$

3.  $9x = 2x^2 + 4$

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

5.  $5x + 3x^2 = x^2 - 1$

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

7.  $3x^2 - 6x = 2$

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