

Worksheet: Quadratics  
 Chapter: Quadratic Equations and Functions

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

Directions: Complete the following problems using the appropriate method to solve the quadratic equation. Show your work.

|     | Standard Form        | Method | Working Form |
|-----|----------------------|--------|--------------|
| 1.  | $y = x^2 + 2x + 3$   |        |              |
| 2.  | $y = -3x^2 + 2$      |        |              |
| 3.  | $y = -5x^2 + 8$      |        |              |
| 4.  | $y = 3x^2 + 5$       |        |              |
| 5.  | $y = 4x^2 + 5x + 6$  |        |              |
| 6.  | $y = 2x^2 + 3x + 4$  |        |              |
| 7.  | $y = x^2 + 4x + 2$   |        |              |
| 8.  | $y = -2x^2 + 3$      |        |              |
| 9.  | $y = -4x^2 + 5x$     |        |              |
| 10. | $y = -4x^2 + 5x + 2$ |        |              |
| 11. | $y = -5x^2$          |        |              |