

Name _____
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Date _____
Algebra 2

Solving Quadratic Equations Using Completing the Square

1. $x^2 - 6x = 9$

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

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

4. $x^2 = 10x - 45$

5. $x^2 - 6x = 18$

6. $x^2 - 12x + 4 = 0$

$$7. x^2 - 2x + 26 = 0$$

$$8. x^2 + 5x = -3x - 20$$

$$9. -4x^2 = 8x + 16$$

$$10. 2x^2 + 2x + 26 = 0$$

$$11. 4x^2 = 8x + 1$$

$$12. 2x^2 - 8x + 15 = 0$$