

Name _____
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Date _____
Pre Calculus

Solving Quadratic Equations Using Completing the Square (Complex)

1. $x^2 + 5x = 9$

2. $x^2 - 9x + 2 = 0$

3. $x^2 - x = 5$

4. $x^2 + 11x + 3 = 1$

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

6. $3x^2 = 30x - 10$

$$7. -2x^2 + 12x = 9$$

$$8. 3x^2 - 12x + 4 = 0$$

$$9. 2x^2 + 6x = 7$$

$$10. 3x^2 + 6x - 11 = 0$$

$$11. 2x^2 - 3x + 9 = 0$$

$$12. 3x^2 - 7x + 12 = 0$$