

Quadratics - Day 6
Assignment

Name _____
Date _____ Per. _____

Write the following equations in Standard Form, and then list the a, b, and c values.

1. $18 = -p^2 + p$ _____ a = _____, b = _____, c = _____

2. $3m^2 - 10 = 6m$ _____ a = _____, b = _____, c = _____

3. $2x^2 + 28 - 5x = 0$ _____ a = _____, b = _____, c = _____

Solve each of the following using the quadratic formula. **Show your work for each problem.**

4. $x^2 - 11x = -10$

5. $4s^2 = -36s$.

6. $4x^2 = 25$

7. $4x^2 + 4x + 1 = 0$.

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8. $18x^2 + 14 = 33x$

9. $x^2 - 4x - 21 = 0$

10. $x^2 + 5x = 24$

11. $2x^2 + 5x = 10$