Algebra 2

Name_____ ID: 1

A28 Quadratic Review

Date_____ Period____

Solve each equation by completing the square.

1) $x^2 - 8x + 38 = 0$

2) $b^2 - 2b + 32 = 0$

Solve each equation by factoring.

3) $2 - 9r = -4r^2$

4) $-42 = -3p^2 + 11p$

Solve each equation by taking square roots.

5) $2k^2 + 3 = -24$

6) $6m^2 - 9 = 9$

Solve each equation with the quadratic formula.

7) $7x^2 - 5x = -8$

8) $10x^2 + 4x = 24$