Math 3A

Name_____

1.5 The Quadratic Formula

Period____

Solve each equation with the quadratic formula.

1) $2v^2 + 5v - 25 = 0$

2) $2r^2 - 3r - 2 = 0$

3) $2a^2 - a - 21 = 0$

4) $m^2 + 4m + 4 = 0$

5) $2r^2 + 4r = 14$

6) $3m^2 = -1$

7) $2n^2 = 75 - 5n$

8) $4p^2 + 8 = 0$

9) $6v^2 - 3 = -6v + 8$

10) $-7n^2 - 7 = -2n - 5$

11) $-p^2 - 10 + 3p = 3p$

12) $8m^2 - 6 = -6m$