

Solving Quadratics

Date _____ Period _____

Solve each equation by completing the square.

1) $n^2 + 2n - 3 = 0$

2) $k^2 - 16k + 55 = 0$

Solve each equation by factoring.

3) $n^2 - 20 = -n$

4) $b^2 - 4b = 21$

5) $3m^2 = -30m - 63$

6) $v^2 - 6 = -v$

Solve each equation with the quadratic formula.

7) $v^2 - 5v - 24 = 0$

8) $2n^2 + n - 1 = 0$

9) $9m^2 - 10 = 0$

10) $4m^2 - 50 = 10m$