

Algebra 1 Honors Homework Completing the Square Day 2

Solve each equation by completing the square.

1) $n^2 + 6n - 21 = 0$

2) $n^2 + 10n + 15 = 0$

3) $a^2 - 14a - 31 = 0$

4) $4n^2 - 8n - 5 = 0$

5) $4x^2 + 8x - 20 = 0$

6) $x^2 - x - 9 = -4$

7) $x^2 - 5x + 2 = -4$

8) $m^2 + 3m - 7 = 2$

9) $2x^2 - 11x - 6 = 0$

10) $4x^2 + 3x - 45 = 0$