

Assignment

Solve each equation by completing the square.

1) $p^2 + 6p - 2 = 5$

2) $n^2 + 4n - 10 = -5$

3) $b^2 + 6b = -5$

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

5) $k^2 - 10k + 23 = 7$

6) $x^2 - 18x - 95 = -7$

7) $p^2 - 8p - 5 = 4$

8) $m^2 - 20m + 109 = 10$

9) $r^2 - 12r - 75 = 10$

10) $v^2 - 4v = 5$

11) $r^2 - 12r - 22 = 6$

12) $x^2 + 16x + 44 = -4$

13) $x^2 - 18x - 29 = -10$

14) $n^2 - 4n - 37 = 8$