

12-05-24-T8 Answers included for both odd and even.
.....**Solve each equation by completing the square. Do odds and evens.**

1) $n^2 + 10n - 11 = 0$

2) $b^2 - 10b - 15 = 0$

3) $v^2 - 8v - 23 = 0$

4) $x^2 - 2x - 7 = 0$

5) $n^2 - 5n + 6 = 0$

6) $a^2 - a - 6 = 0$

7) $k^2 = 2k + 8$

8) $p^2 + 4p = -3$

9) $x^2 = 2x + 5$

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

11) $m^2 + 2m - 4 = -m$

12) $r^2 + 3r + 4 = 3$

Answers to 12-05-24-T8 Answers included for both odd and even.

1) $\{1, -11\}$

2) $\{5 + 2\sqrt{10}, 5 - 2\sqrt{10}\}$

3) $\{4 + \sqrt{39}, 4 - \sqrt{39}\}$

4) $\{1 + 2\sqrt{2}, 1 - 2\sqrt{2}\}$

5) $\{3, 2\}$

6) $\{3, -2\}$

7) $\{4, -2\}$

8) $\{-1, -3\}$

9) $\{1 + \sqrt{6}, 1 - \sqrt{6}\}$

10) $\{-1 + \sqrt{3}, -1 - \sqrt{3}\}$

11) $\{1, -4\}$

12) $\left\{\frac{-3 + \sqrt{5}}{2}, \frac{-3 - \sqrt{5}}{2}\right\}$