

10-4 Practice***Solving Quadratic Equations by Using the Quadratic Formula***

Solve each equation by using the Quadratic Formula. Round to the nearest tenth if necessary.

1. $g^2 + 2g - 3 = 0$

2. $a^2 + 8a + 7 = 0$

3. $v^2 - 4v + 6 = 0$

4. $d^2 - 6d + 7 = 0$

5. $2z^2 + 9z - 5 = 0$

6. $2r^2 + 12r + 10 = 0$

7. $2b^2 - 9b = -12$

8. $2h^2 - 5h = 12$

9. $3p^2 + p = 4$

10. $3m^2 - 1 = -8m$

11. $4y^2 + 7y = 15$

12. $1.6n^2 + 2n + 2.5 = 0$

13. $4.5k^2 + 4k - 1.5 = 0$

14. $\frac{1}{2}c^2 + 2c + \frac{3}{2} = 0$

15. $3w^2 - \frac{3}{4}w = \frac{1}{2}$

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