

Solving Quadratics with the Quadratic Formula - CLASS EXAMPLES**Solve each equation with the quadratic formula. - RATIONAL ANSWERS**

1) $v^2 + 4v + 3 = 0$

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

Solve each equation with the quadratic formula. - Round DECIMAL ANSWERS to the nearest Thousandth

3) $6p^2 - 17 = -5$

4) $8b^2 - 11b - 7 = -2$

Solve each equation with the quadratic formula - Irrational Answers Level 1

5) $x^2 - 11x + 25 = 11$

6) $4n^2 - 5n - 4 = 0$

Solve each equation with the quadratic formula. - Irrational Answers Level 2

7) $3r^2 - 2r - 5 = 2$

8) $4n^2 - 6 + 3n = 3n - 1$

Answers to Solving Quadratics with the Quadratic Formula - CLASS EXAMPLES (ID: 1)

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

2) $\left\{-1\frac{1}{3}, 2\right\}$

3) $\{1.414, -1.414\}$

4) $\{1.735, -0.36\}$

5) $\left\{\frac{11 + \sqrt{65}}{2}, \frac{11 - \sqrt{65}}{2}\right\}$

6) $\left\{\frac{5 + \sqrt{89}}{8}, \frac{5 - \sqrt{89}}{8}\right\}$

7) $\left\{\frac{1 + \sqrt{22}}{3}, \frac{1 - \sqrt{22}}{3}\right\}$

8) $\left\{\frac{\sqrt{5}}{2}, -\frac{\sqrt{5}}{2}\right\}$