

3.12 Practice - Solving Quadratics Using the Quadratic Formula

Solve each equation with the quadratic formula.

1) $4k^2 - 20 = k$

2) $2n^2 = 63 - 5n$

3) $3n^2 + 6n = 45$

4) $8b^2 + 6 = -5b$

5) $5a^2 - 90 = -7a$

6) $2x^2 - 4x = 3$

7) $2a^2 - 14 = 0$

8) $10a^2 - 10a = 16$

9) $n^2 - 5n = 50$

10) $10v^2 = 9v - 6$

11) $10m^2 - 5m = -3$

12) $4r^2 - 36 = 0$