

Solving Quadratic Equations

Solve each equation with the quadratic formula.

1) $3x^2 = 85 + 2x$

2) $10n^2 - 13 = 0$

3) $b^2 = -9b + 8$

4) $4x^2 - 12 = 4x$

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

6) $5n^2 - 19 = -9n$

7) $a^2 - 20 = -2a$

8) $2k^2 - 8 = -6k$

9) $4x^2 - 28 = -6x$

10) $8x^2 = 4$

11) $3n^2 + 6n = 72$

12) $m^2 - 91 = 6m$