

Using the Quadratic Formula

Solve each equation with the quadratic formula.

1) $2p^2 + 2p - 24 = 0$

2) $2m^2 - 5m - 25 = 0$

3) $a^2 + 2a - 15 = 0$

4) $2v^2 + 3v - 9 = 0$

5) $7b^2 + 8b + 9 = 0$

6) $9n^2 - 3n + 9 = 0$

7) $v^2 + 9v + 8 = 0$

8) $3b^2 - 5b + 7 = 0$

9) $n^2 - 7n - 20 = 0$

10) $4x^2 - 25 = 0$

11) $7v^2 + 7 = -6v$

12) $-10v^2 - 4v - 3 = -4$