

4 -4 Quadratic Formula with Complex Solutions

Period _____

Solve each equation with the quadratic formula.

1) $2x^2 - x + 1 = 0$

2) $8k^2 - 12k + 7 = 0$

3) $3b^2 + b - 2 = 0$

4) $11n^2 + 2n + 9 = 0$

5) $n^2 + 12 = 0$

6) $4n^2 - 16 = 0$

7) $p^2 = 7$

8) $4k^2 + 4k = -2$

9) $3v^2 = 75$

10) $2v^2 - 5v = 42$

11) $3m^2 = -5$

12) $5x^2 = 20$