

Algebra 2
Finding Complex Roots

Name: _____
Period: _____

Solve for x .

1. $x^2 + 4 = 0$
2. $x^2 + 9 = 0$
3. $x^2 + 5 = 0$
4. $x^2 - 3x + 8 = 0$
5. $2x^2 + 4x + 3 = 0$
6. $2x^2 + 7 = -4x$
7. $x^2 - x + 12 = 0$
8. $-4 = x^2 + 2x$
9. $x^2 + 7 = 4x$
10. $-2x^2 = -x + 2$
11. $x^2 - 6x = -11$
12. $4 + x + x^2 = 0$
13. $-5x + 13 + 3x^2 = 0$
14. Sketch a complete graph of $t(x) = 12x^2 - 6x - 18$

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