

Directions: Use your calculator to find the roots of the following equations:

1. $x^2 - 8x = -15$	2. $x^2 = -14 - 9x$
3. $a^2 - 2a = 3$	4. $k^2 + 12 = -7k$
5. $x^2 = 1$	6. $x^2 - x = 0$
7. $m^2 - 5m = -4$	8. $n^2 - 35 = 2n$

Directions: Find the zeros of the following equations.

9. $b^2 - 10 = -3b$	10. $x^2 = 48 - 2x$
11. $v^2 = -18 - 9v$	12. $r^2 + 5 = 6r$

Directions: Find the solutions to the following equations.

13. $x^2 - 42 = x$	14. $x^2 - 56 = -x$
15. $x^2 = -3 - 4x$	16. $x^2 - 24 = -2x$