

**Solving Equations**  
Linear Equations & Quadratic Equations - Accuracy

Solve each of the following 1-Step Linear Equations:

1. $b + 18 = 37$	2. $k - 15 = -18$
3. $-9x = -81$	4. $\frac{m}{6} = 32$

Solve each of the following 2-Step Linear Equations:

5. $-2x + 12 = 28$	6. $12x - 48 = 100$
7. $20x + 112 = -48$	8. $-3x - 15 = 45$

Solve each of the following Multi-Step Linear Equations:

9. $4y - (y - 4) = -20$	10. $8a - 3(2a + 5) = 13$
11. $\frac{4}{3}(2x - 1) = -12$	12. $\frac{3}{2}(b + 1) = 3$

Solve each of the following Linear Equations with Variables on Both Sides:

13. $-3z - 1 = 8 - 3z$	14. $8w - 8 - 6w = 4w - 7$
15. $n - 10 = \frac{5}{6}n - 7 - \frac{1}{3}n$	16. $1.5(n + 20) = 0.5(n + 60)$

Solve each of the following Quadratic Equations:

17. $x^2 - 10x + 3 = 0$	18. $x^2 - 4x + 1 = 0$
19. $x^2 + 7x - 13 = 2x$	20. $x^2 = 9 - 4x$