

Solving Equations
Linear Equations & Quadratic Equations - Completion

Solve each of the following 1-Step Linear Equations:

1. $x + 2 = 19$	2. $y - 5 = -6$
3. $7x = -28$	4. $\frac{y}{10} = 32$

Solve each of the following 2-Step Linear Equations:

5. $7x - 5 = 30$	6. $-2x + 16 = 38$
7. $-3x - 21 = 49$	8. $10x + 45 = 15$

Solve each of the following Multi-Step Linear Equations:

9. $x + 2x - 1 = 38$	10. $2v + 5v - 8 = 13$
11. $2a - 6(a - 4) = -4$	12. $\frac{6}{5}(5 - 4g) = -18$

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

13. $3.7b + 7 = 8.1b - 19.4$

14. $-15c + 7c + 1 = 3 - 8c$

15. $-0.25(4v - 8) = 0.5(4 - 2v)$

16. $\frac{1}{8}(5y + 64) = \frac{1}{4}(20 + 2y)$

Solve each of the following Quadratic Equations:

17. $x^2 + 4x = 10$

18. $x^2 + 8x = -1$

19. $3x^2 + 42x = -24$

20. $4x^2 + 4x + 1 = 75$