

Directions: Solve each equation.

1. $x - 1 = -8$	2. $x + 11 = 25$	3. $x + 11 = -1$
4. $x - 19 = -15$	5. $x - 13 = -27$	6. $x - 18 = -29$
7. $x - 16 = 3$	8. $x - 15 = -25$	9. $x + 4 = 22$
10. $x + 12 = 30$	11. $x + 14 = 9$	12. $x - 9 = -14$
13. $x + 6 = 9$	14. $x + 16 = 15$	15. $x - 1 = 6$
16. $x + 11 = 21$	17. $x + 12 = 5$	18. $x + 14 = -1$
19. $x - 3 = -1$	20. $x - 18 = -6$	21. $x - 18 = 1$

Directions: Solve each equation.

1. $x = 47$	2. $-3x = 33$	3. $x/12 = 5$
4. $-7x = -70$	5. $-5x = 285$	6. $2x = -48$
7. $x/7 = 7$	8. $x/10 = -1$	9. $-10x = 150$
10. $-9x = -153$	11. $5x = -100$	12. $x/6 = 6$
13. $x = 31$	14. $7x = -21$	15. $12x = -432$
16. $-5x = 30$	17. $x/8 = -5$	18. $x/4 = 4$
19. $8x = 168$	20. $-9x = 153$	21. $12x = -504$

Directions: Solve each equation.

1. $9x - 36 = -18$	2. $4x + 3 = 51$	3. $9x - 28 = 80$
4. $4x + 47 = 51$	5. $9x - 6 = 75$	6. $4x - 11 = 9$
7. $8x - 74 = -34$	8. $2x + 62 = 72$	9. $4x + 55 = 71$
10. $5x - 5 = 15$	11. $9x - 51 = 57$	12. $4x - 6 = 26$
13. $6x - 14 = 10$	14. $3x - 56 = -50$	15. $4x - 26 = 18$
16. $2x - 33 = -23$	17. $9x - 38 = 52$	18. $3x + 49 = 58$
19. $3x + 55 = 64$	20. $2x + 15 = 21$	21. $8x - 80 = -56$

Directions: Solve each equation.

1. $-2x + 65 = 45$	2. $6x - 73 = -97$	3. $10x - 15 = -75$
4. $9x + 17 = 53$	5. $8x - 16 = -64$	6. $3x + 88 = 85$
7. $10x + 42 = 82$	8. $7x + 18 = -17$	9. $4x + 81 = 89$
10. $-4x + 35 = -1$	11. $5x - 5 = 50$	12. $6x + 46 = 10$
13. $-5x + 31 = 46$	14. $8x + 42 = 2$	15. $-8x - 71 = -95$
16. $-8x - 96 = -32$	17. $-8x + 64 = 40$	18. $-8x + 70 = 94$
19. $-7x - 59 = -45$	20. $-7x - 29 = 13$	21. $10x - 65 = -55$

Directions: Solve each equation.

1. $9x + 100 = 3x + 76$	2. $-7x + 42 = -9x + 18$	3. $-x + 54 = -5x + 90$
4. $x + 75 = 7x + 69$	5. $5x + 82 = -7x + 70$	6. $-2x + 1 = -6x + 5$
7. $-8x + 28 = -9x + 37$	8. $-2x + 24 = 2x - 4$	9. $3x + 87 = 4x + 85$
10. $5x + 22 = 9x - 14$	11. $-9x - 90 = -8x - 83$	12. $-4x + 6 = -2x + 8$
13. $-5x + 2 = -8x + 17$	14. $3x - 25 = -x - 65$	15. $-9x - 43 = -5x - 75$

Directions: Solve the multi-step equation.

1. $4x + 56 + 4x = 7x + 61$	2. $-2x + 24 + x = -2x + 31$	3. $x - 65 - 6x = -6x - 59$
4. $-4x - 2 + 7x = -x + 6$	5. $-4x - 30 + 5x = -4x - 40$	6. $x - 63 + 6x = 5x - 73$
7. $-6x + 12 - 4x = -7x + 3$	8. $-4x + 54 - 2x = -7x + 52$	9. $6x + 67 - 4x = -6x + 3$
10. $-x + 59 + 3x = 4x + 77$	11. $-2x - 89 + 6x = 3x - 85$	12. $5x - 30 - 3x = -5x - 23$
13. $-5x + 84 - 4x = -x + 100$	14. $3x - 19 + x = -7x - 63$	15. $x - 22 + 6x = x - 70$

Directions: Solve the multi-step equation.

1. $4(3x - 15) = -4x - 12$	2. $2(-4x - 27) = -3x - 34$	3. $4(-4x + 13) = -6x - 28$
4. $4(4x + 25) = 3x + 87$	5. $2(5x - 21) = 6x - 66$	6. $2(-2x + 24) = 5x - 24$
7. $4(3x + 4) = 5x - 40$	8. $2(-4x - 15) = -6x - 40$	9. $2(3x + 35) = -2x + 46$
10. $3(7x + 28) = 6x + 24$	11. $4(7x - 20) = 7x - 17$	12. $5(3x - 6) = x + 40$

Directions: Solve the multi-step equation.

1. $7(x - 14) + 6x = -4x + 21$	2. $2(x - 37) + 6x = 2x - 2$	3. $3(7x - 21) + x = 7x - 48$
4. $3(-4x + 21) + x = -2x + 81$	5. $6(-x - 5) + 7x = -4x + 30$	6. $4(-2x + 18) + 7x = -3x + 64$
7. $2(-x - 13) + 2x = -3x - 50$	8. $4(x + 12) + 3x = -2x + 102$	9. $3(2x - 3) - 4x = 3x - 18$
10. $6(3x + 14) + 2x = -2x - 70$	11. $3(-x - 24) + 7x = -7x - 105$	12. $6(2x - 6) + x = 3x - 116$

Sheet 1: One-Step Equations

1. $x = -7$	2. $x = 14$	3. $x = -12$
4. $x = 4$	5. $x = -14$	6. $x = -11$
7. $x = 19$	8. $x = -10$	9. $x = 18$
10. $x = 18$	11. $x = -5$	12. $x = -5$
13. $x = 3$	14. $x = -1$	15. $x = 7$
16. $x = 10$	17. $x = -7$	18. $x = -15$
19. $x = 2$	20. $x = 12$	21. $x = 19$

Sheet 2: One-Step Equations: Multiply & Divide

1. $x = 47$	2. $x = -11$	3. $x = 60$
4. $x = 10$	5. $x = -57$	6. $x = -24$
7. $x = 49$	8. $x = -10$	9. $x = -15$
10. $x = 17$	11. $x = -20$	12. $x = 36$
13. $x = 31$	14. $x = -3$	15. $x = -36$
16. $x = -6$	17. $x = -40$	18. $x = 16$
19. $x = 21$	20. $x = -17$	21. $x = -42$

Sheet 3: Two-Step Equations

1. $x = 2$	2. $x = 12$	3. $x = 12$
4. $x = 1$	5. $x = 9$	6. $x = 5$
7. $x = 5$	8. $x = 5$	9. $x = 4$
10. $x = 4$	11. $x = 12$	12. $x = 8$
13. $x = 4$	14. $x = 2$	15. $x = 11$
16. $x = 5$	17. $x = 10$	18. $x = 3$
19. $x = 3$	20. $x = 3$	21. $x = 3$

Sheet 4: Two-Step Equations with Integers

1. $x = 10$	2. $x = -4$	3. $x = -6$
4. $x = 4$	5. $x = -6$	6. $x = -1$
7. $x = 4$	8. $x = -5$	9. $x = 2$
10. $x = 9$	11. $x = 11$	12. $x = -6$
13. $x = -3$	14. $x = -5$	15. $x = 3$
16. $x = -8$	17. $x = 3$	18. $x = -3$
19. $x = -2$	20. $x = -6$	21. $x = 1$

Sheet 5: Variables on Both Sides

1. $x = -4$	2. $x = -12$	3. $x = 9$
4. $x = 1$	5. $x = -1$	6. $x = 1$
7. $x = 9$	8. $x = 7$	9. $x = 2$
10. $x = 9$	11. $x = -7$	12. $x = -1$
13. $x = 5$	14. $x = -10$	15. $x = 8$

Sheet 6: Combining Like Terms

1. $x = 5$	2. $x = 7$	3. $x = 6$
4. $x = 2$	5. $x = -2$	6. $x = -5$
7. $x = 3$	8. $x = -2$	9. $x = -8$
10. $x = -9$	11. $x = 4$	12. $x = 1$
13. $x = -2$	14. $x = -4$	15. $x = -8$

Sheet 7: Distribution

1. $x = 3$	2. $x = -4$	3. $x = 8$
4. $x = -1$	5. $x = -6$	6. $x = 8$
7. $x = -8$	8. $x = 5$	9. $x = -3$
10. $x = -4$	11. $x = 3$	12. $x = 5$

Sheet 8: Distribution & Combining

1. $x = 7$	2. $x = 12$	3. $x = 1$
4. $x = -2$	5. $x = 12$	6. $x = -4$
7. $x = -8$	8. $x = 6$	9. $x = 9$
10. $x = -7$	11. $x = -3$	12. $x = -8$