Name: Date: Period:

Solve ALL equations on a separate piece of paper.

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|---|---|---|
| 1. $8s - (8 + 6s) = 20$ | 2. $34 = 2x + 8(x + 3)$ | 3. $\frac{3}{4}(x+9)=15$ |
| 4. $\frac{2}{3}(m-8)=4$ | 5. $35 = 22x - 12x + 5$ | 6. $6(b + 8) = 54$ |
| 7. $99 = 33x + 3(3x + 5)$ | 8. $-t + (5t - 7) = -5$ | 9. $21 - 3(2 - w) = -12$ |
| 10. $9 = 8b - (2b - 3)$ | 11. $6(m + 4) - 2m = -8$ | 12. $44 = 4(8 + h)$ |
| 13. $\frac{3}{4}(8t-4)=-2$ | 14. $0=\frac{1}{5}(10h+15)+h$ | 15. $3(5 - t) - 4t = 18$ |
| 16. $2(y - 5) = 16$ | 17. $0.1(h + 20) = 3$ | 18. $\frac{3z}{8}-4=5$ |
| 19. $8.6 = 6j + 4j$ | 20. $12z - (4z + 6) = 82$ | 21. $18 - 5t = t$ |
| 22. $3m - 6 = 5m + 8$ | 23. $22w - 42 = 34 - 16w$ | 24. $r + 6 - 5r = 14 - 2r$ |

| | | |
|---|---|---|
| 25. $6x + 12 = 4x$ | 26. $4n - 14 = -16n + 26$ | 27. $y - 2y + 3 = 3 - y$ |
| 28. $4u - 7 = u + 3(4 + u)$ | 29. $4m - (8 - m) = 6 - 2m$ | 30. $3b + 16 = 5b + 16 - 2b$ |
| 31. $2m = 24 + 3m$ | 32. $5w - 17 = 12 - 5w$ | 33. $2p - 9 = 5p + 12$ |
| 34. $35 - y = 4y$ | 35. $10x = 4x - 8x + 7$ | 36. $2s + 16 = s - 25$ |
| 37. $14 - (2c + 5) = -2c + 9$ | 38. $20 - 16p = 4(5 - 4p)$ | 39. $4n + 8 = 8 - 4n$ |
| 40. $1.4h = 1.8h + 4.8 - 0.4h$ | 41. $\frac{1}{6}(6w - 12) = 6 - 2(w - 2)$ | 42. $6(6 - 2a) = -27a - \frac{3}{2}(-4a + 6)$ |
| 43. $2b + 4(b - 6) = -2(2b - 14) + 98$ | 44. $4g + 3(g - 2) = -5(g - 4) - g$ | 45. $-7 + 8(5 - 3s) = 3(7 - 9s)$ |
| 46. $\frac{2}{3}(9x - 15) = 17 - 3(x - 12)$ | 47. $2(3x - 4) = -2x + 40$ | 48. $3(1 + 2x) - 4x = -(x + 30)$ |
| 49. $8g + 6(g - 2) = -10(g - 4) - 2g$ | 50. $12(3n - 7) + 8n = -2(4 - 3n)$ | |