

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Sub-topic 1 — Intro to combining like terms (1–18)

1. $3x + 5x$
2. $2a + 4a - a$
3. $7y - 3y + 2y$
4. $5m + 0m$
5. $9b - 4b$
6. $6p + 2p - 3p$
7. $x + 4x$
8. $8c - 2c + c$
9. $10k - 5k - k$
10. $4t + 3t + 2t$
11. $2x - x$
12. $11n - 6n$
13. $3q + 7q - 5q$
14. $2r + 3s$
15. $5x + 2y + 3x$
16. $7a - 2b + 4a$
17. $6z + z - 2z$
18. $0x + 5x + 2x$

Sub-topic 2 — Combining like terms with negative coefficients & distribution (19–34)

19. $-2(x + 3) + 5x$
20. $3(2x - 1) + x$
21. $-3(x - 4) + 2x$
22. $4(3a + 2) - 5a$
23. $-2(2b - 3) - b$
24. $-(3x + 4) + 6x$
25. $5(x - 2x) + 7x$
26. $-4(2y + 1) + y$
27. $2(3m - 2) - 4m$
28. $-(2a - 5) + 3a$
29. $3(x + x) - 2x$
30. $-2(3x + 2) + 4(x - 1)$



Math Worksheet for 9th Grade

Combining like terms

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31. $2(-x + 3) + 5x$

32. $-3(2y - y) + 4y$

33. $4(-2k) + 9k$

34. $-(4m + 2m) + 10m$

Sub-topic 3 — Combining like terms with negative coefficients (35–50)

35. $-3x + 7x$

36. $5a - 9a$

37. $-x - 4x + 6x$

38. $-2y - 3y$

39. $8b + (-3b) - 2b$

40. $-6m + 2m + 7m$

41. $-4p - p$

42. $10k - 15k$

43. $-2x + x - x$

44. $-5a + 3a + a$

45. $4y + (-6y) + 2y$

46. $-7b + 8b - b$

47. $-9c + 3c + 4c$

48. $-x + 2x - 3x$

49. $-3q - 2q + 6q$

50. $0a - a + 2a$