



Math Worksheet for 7th Grade

Combining like terms

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

2. Simplify: $7y - 2y + 4y$
3. Simplify: $6a + 3b - 2a$
4. Simplify: $4m - 9 + 2m + 5$
5. Simplify: $8 - 3x + 2x - 4$
6. Simplify: $5p + 0p + 12$
7. Simplify: $2a + 3b + 4a - b$
8. Simplify: $-3x + 7x$
9. Simplify: $10y - (3y + 4)$
10. Simplify: $(2x + 5) + (3x - 2) - x$
11. Combine like terms and simplify: $9a - 4 - 2a + 10$
12. Combine like terms and simplify: $6m - 2m + 3 - 8$
13. Simplify: $12 - 5x + 2x + 3x$
14. Simplify: $4t + 6 - 9 + 2t - t$
15. Simplify and combine: $3x + 4y - x + 2y$
16. Simplify: $-2(3x + 4) + 5x$
17. Simplify: $-1(4a - 7) + 2a + 3$
18. Simplify: $3(2y - 5) - 4y$
19. Simplify: $-2x - 3(x - 4)$
20. Simplify: $5 - 2(3m + 2) + m$
21. Simplify: $-4(2p - 3) + 3p + 6$
22. Simplify: $2(3x + 1) - 5x + 4$
23. Simplify: $-3(2y + 4) + 8y - 2$
24. Simplify: $7 - (2x + 5) + 3x$
25. Simplify: $-(x - 3) + 4x - 2$
26. Simplify: $4(a - 2) - 3a + 6$
27. Simplify: $-2(2b + 5) + b - 7$
28. Simplify: $3(x - 2) - 2(x - 5)$
29. Simplify: $-5 + 2(3x - 1) - x$
30. Simplify: $(-2x + 5) - 3(x + 2)$
31. Simplify: $-7x + 2x - 5x$
32. Simplify: $-4a - 3a + 10$
33. Simplify: $6y - (-2y) + 3$



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34. Simplify: $-x + 5 - 2x - 3$

35. Simplify: $8 - 5m + (-3m) + 2m$

36. Simplify: $-9 + 4p - 6p + 3$

37. Combine like terms: $-2x - (-3x + 4) + x$

38. Simplify: $-(2y + 3y) + 10$

39. Simplify: $0 - 6a + 2a - 4$

40. Simplify: $-3(x + 2) + x + 7$

41. Simplify (fractions): $(\frac{1}{2})x + (\frac{3}{4})x - (\frac{1}{4})x$

42. Simplify (fractions): $-\frac{1}{3}a + \frac{2}{3}a + \frac{1}{3}a - 1$

43. Simplify (fractions and distribution): $-\frac{1}{2}(3x - 4) + 2x$

44. Simplify (decimals): $0.5y + 1.25y - 0.75y$

45. Simplify (fractions): $\frac{2}{5}m + \frac{3}{5}m - \frac{1}{5}m + 4$

46. Word problem (fractions): Maya ran $(\frac{3}{4})x$ miles on Monday and $(\frac{1}{2})x$ miles on Tuesday. She also ran $\frac{1}{4}x$ on Wednesday. Write an expression for the total and simplify.

47. Word problem (decimals): A store sold $0.4t$ shirts Monday and $1.6t$ shirts Tuesday. They returned $0.5t$ shirts. Write and simplify an expression for net shirts sold.

48. Simplify (mixed rational): $\frac{3}{2}x - \frac{1}{2}x + x$

49. Simplify (fraction with negatives): $-\frac{2}{3}a + \frac{5}{3}a - a$

50. Word problem (combine): Liam has $2x$ red marbles and $-3x$ blue marbles (he gave away $3x$). He then receives $\frac{5}{2}x$ more marbles. Write and simplify an expression for his total marbles.