

NAME _____

Module 2 Writing and Simplifying Algebraic Expressions
Lesson 4 Combining Like Terms



**additional
practice**

Simplify each expression. Write each answer in descending order.

1. $4h + 3h$

$7h$

2. $12n - 15n$

$-3n$

3. $7x + 5 - 6 + 4x$

$11x - 1$

4. $27 - 8a + 16a$

$8a + 27$

5. $2b - b - 7b$

$-6b$

6. $44n + (36n + 23n)$

$103n$

7. $-x + 6n - 3x + 2n$

$8n - 4x$

8. $(3a - 12) + 5a$

$8a - 12$

9. $4 + d - d - 6$

-2

10. $5xy - 1 - 5xy + 1$

0

11. $56y - 4y + 21$

$52y + 21$

12. $2t^2 + 15t^2 - 6t + 3$

$17t^2 - 6t + 3$

13. $13ab^2 + 17a^2b - 8a^2b$

$13ab^2 + 9a^2b$

14. $7y + z - 2y + \frac{3}{7}z$

$5y + \frac{10}{7}z$

15. $9a + 10 - a + 3x - 5$

$8a + 3x + 5$

16. $-4 + 2y - x - 21m + 17y$

$-21m + 19y - x - 4$

17. $3 + m^3 - 5n^2 + 10 - 2n^2$

$m^3 - 7n^2 + 13$

18. $18 + 37n^2 + 22 - 44 + 113m - 4m$

$37n^2 + 109m - 4$

19. $3(2s - 4) - s$

$5s - 12$

20. $(8 - 4y) - y(2y + 6)$

$-2y^2 - 10y + 8$

