

2.4 Combine Like Terms and Distributive Property

Corrective Assignment

NAME: _____

DATE: _____

Simplify each expression by combining like terms.

1. $m + 8 - 5m$

2. $-3r - 6r$

3. $7 - 4x - 2 + 4x$

4. $9x - 3 + 5x$

5. $x - 2 + 1 - x$

6. $2n - 8 - 7n + 4$

7. $1 - 4v + 10 + 7v$

8. $4n + 10 - 3n + 1$

9. $4.3a + 4.4a$

10. $k + 9.5 + 7.64 + 9.34k$

11. $\frac{1}{8}x + \frac{9}{8}x$

12. $2x - \frac{2}{3} + 9x + \frac{16}{3}$

Simplify each expression by distributing

13. $-10(8 - 10m)$

14. $-10(m + 4)$

15. $-9(7 - 10p)$

16. $-5(5x + 10)$

17. $10(1 + 10m)$

18. $-3(1 + 10n)$

19. $4.1(1.3 - 2.8x)$

20. $-\frac{5}{4}\left(\frac{1}{6}n + 6\right)$

21. $\frac{1}{2}\left(n - \frac{6}{5}\right)$

Simplify each expression by distributing and combining like terms.

22. $6 - 9(3m - 10)$

23. $-4(10 - 10r) + 7$

24. $3x + 6(7x - 10)$

25. $5(4n - 10) - 2$

26. $6(-8v + 10) + 3v$

27. $10(b + 10) + b$

28. $7 - 7(-8n + 2)$

29. $-6x + 10(9 + 2x)$

30. $2.9(8.6a + 4.1) + 5.7a$

31. $-10 - 9.44(1 - 1.75k)$

32. $2 + \frac{1}{5}(10p + 20)$

33. $4\left(x - \frac{1}{4}\right) - 2x$

Answers to Corrective Assignment 2.4

1. $-4m + 8$	2. $-9r$	3. 5	4. $14x - 3$
5. -1	6. $-5n - 4$	7. $11 + 3v$	8. $n + 11$
9. $8.7a$	10. $10.34k + 17.14$	11. $\frac{5}{4}x$	12. $11x + \frac{14}{3}$
13. $-80 + 100n$	14. $-10m - 40$	15. $-63 + 90p$	16. $-25x - 50$
17. $10 + 100m$	18. $-3 - 30n$	19. $5.33 - 11.48x$	20. $-\frac{15}{2} - \frac{5}{24}n$
21. $\frac{1}{2}n - \frac{3}{5}$	22. $84 - 27m$	23. $-33 + 40r$	24. $45x - 60$
25. $20n - 52$	26. $-45v + 60$	27. $11b + 100$	28. $56n - 7$
29. $14x + 90$	30. $30.64a + 11.89$	31. $-19.44 + 16.52k$	32. $2p + 6$
33. $2x - 1$			