

Name: _____



PRACTICE



TUTORIAL

4-3 Additional Practice

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In 1–6, simplify each expression.

1. $5m + 3m$

2. $\frac{3}{5}y + \left(-\frac{6}{5}y\right)$

3. $3.1n - 1.1n$

4. $-2.6c - 2.8c$

5. $-3x + 12x$

6. $-\frac{4}{22}t - \frac{5}{22}t$

7. Which expression is equivalent to $-2v + (-4) + 8 + (-3v)$?

- Ⓐ $-5v$
- Ⓑ $7v$
- Ⓒ $-6v + 5$
- Ⓓ $-5v + 4$

8. Which expression is equivalent to $\frac{3}{14}x + (-1) + (-4) - \frac{2}{7}x$?

- Ⓐ $5\frac{1}{14}x + 5$
- Ⓑ $-5\frac{1}{14}x - 5$
- Ⓒ $-\frac{1}{14}x - 5$
- Ⓓ $\frac{5}{14}x - 5$



For 9–14, simplify the given expression.

9. $-1.3f + 0.4j - 12 - 1 + 2.9f$

10. $n + 4.5 - 0.3n - 3$

11. $8 - 4y + (-2y) + 5$

12. $2.8 - 4.4n - 2n + 7$

13. $11 + (-3) - \frac{1}{8}j - \frac{3}{8}j + 7$

14. $\frac{2}{11}z - \frac{5}{11}z + 4 - \frac{1}{11}z - 8$

15. **Higher Order Thinking** Explain whether $8t - 3y - 4t$ is equivalent to $7t + (-3t) - 3y$.



Assessment Practice

16. PART A

An expression is shown.

$$\left(\frac{4}{5}x + 1\right) + \left(\frac{2}{5}x - 1\right)$$

Create an equivalent expression without parentheses. 7.EE.1.1

PART B

An expression is shown.

$$\left(\frac{4}{5}x + 1\right) - \left(\frac{2}{5}x - 1\right)$$

Create an equivalent expression without parentheses. 7.EE.1.1

17. Select all the expressions equivalent to

$12x - 3 + 2x + 13$. 7.EE.1.1

$17x + 13$

$14x + 10$

$14x + 16$

$10x + 16$

$2(7x + 5)$

