

Proficient

1. Simplify $3x + 5x$.

2. Simplify $9y - 4y$.

3. Simplify $7a + 2a - 3a$.

4. Simplify $10b - b - 2b$.

5. Simplify $4c + 6c + 3$.

6. Simplify $12d - 5d + 1$.

7. Simplify $8m + 2n$.

8. Simplify $5p + 3p + 4p$.

9. Simplify $14q - 6q + 2q$.

10. Simplify $6r + r - 4r$.

11. Which has like terms:
 $3x + 2y$ or $3x + 2x$?

12. Which cannot be simplified to one term: $4a + 5a$ or $4a + 5b$?

13. Fill in the blank: $3k + \square k = 8k$.

14. Fill in the blank: $9m - \square m = 1m$.

15. Is $2x + 5x = 7$ correct?

16. Is $6a - 2a = 4a$ correct?

17. Explain in one short sentence why $3p + 2q$ cannot become $5pq$.

18. Explain in one short sentence why $4t + t = 5t$.