

Name: _____

Date: _____

Combine like terms (Set B)

Simplify each expression.

1. $6a - 9 + 2a + 9$ _____

11. $5n + 1 + 8n + 2$ _____

2. $2y + 2x + 6y + 4x$ _____

12. $7n + y + 8n + 4y$ _____

3. $6x + 4 + 3x - 8$ _____

13. $5n + 8 + 6n - 5$ _____

4. $4x + 4 + 2x + 2$ _____

14. $8n + 7 + 6n - 1$ _____

5. $4a + y + 7a - 3y$ _____

15. $4y - 4x + 8y - x$ _____

6. $8y + x + 3y + 4x$ _____

16. $6x + 4y + 6x + 6y$ _____

7. $5y + 6x + 4y + x$ _____

17. $6n + 5 + 2n - 9$ _____

8. $3x + 5y + 3x + y$ _____

18. $8x - 3 + 2x - 3$ _____

9. $7x - 8 + 4x + 2$ _____

19. $5a + 6y + 6a - y$ _____

10. $2a + 7 + 6a + 3$ _____

20. $6n + y + 5n + 6y$ _____

Algebraic Expressions: Answer Key

1. $8a$

2. $8y + 6x$

3. $9x - 4$

4. $6x + 6$

5. $11a - 2y$

6. $11y + 5x$

7. $9y + 7x$

8. $6x + 6y$

9. $11x - 6$

10. $8a + 10$

11. $13n + 3$

12. $15n + 5y$

13. $11n + 3$

14. $14n + 6$

15. $12y - 5x$

16. $12x + 10y$

17. $8n - 4$

18. $10x - 6$

19. $11a + 5y$

20. $11n + 7y$