

Name: _____

Date: _____

Evaluate an expression (Set B)

Evaluate or simplify each expression.

1. Evaluate $x^2 + 8x$ when $x = 9$ _____

11. Evaluate $a^2 + 6a$ when $a = 3$ _____

2. Evaluate $8y - 4$ when $y = 9$ _____

12. Evaluate $7a + 4$ when $a = 8$ _____

3. Evaluate $n^2 + 8n$ when $n = 3$ _____

13. Evaluate $8a + 3$ when $a = 3$ _____

4. Evaluate $n^2 + 3n$ when $n = 4$ _____

14. Evaluate $n^2 + 7n$ when $n = 8$ _____

5. Evaluate $6n - 1$ when $n = 8$ _____

15. Evaluate $6y + 4$ when $y = 6$ _____

6. Evaluate $n^2 - 6n$ when $n = 2$ _____

16. Evaluate $2a - 8$ when $a = 4$ _____

7. Evaluate $a^2 + 5a$ when $a = 4$ _____

17. Evaluate $x^2 + 6x$ when $x = 9$ _____

8. Evaluate $a^2 + 2a$ when $a = 8$ _____

18. Evaluate $4y - 6$ when $y = 6$ _____

9. Evaluate $n^2 - 8n$ when $n = 3$ _____

19. Evaluate $x^2 - 2x$ when $x = 5$ _____

10. Evaluate $7n - 4$ when $n = 8$ _____

20. Evaluate $y^2 + 9y$ when $y = 2$ _____

Algebraic Expressions: Answer Key

1. 153

2. 68

3. 33

4. 28

5. 47

6. -8

7. 36

8. 80

9. -15

10. 52

11. 27

12. 60

13. 27

14. 120

15. 40

16. 0

17. 135

18. 18

19. 15

20. 22