

Name: _____

Date: _____

Evaluate an expression

Evaluate or simplify each expression.

1. Evaluate $y^2 + 9y$ when $y = 7$ _____

11. Evaluate $n^2 - 6n$ when $n = 7$ _____

2. Evaluate $x^2 - 5x$ when $x = 4$ _____

12. Evaluate $a^2 + 4a$ when $a = 4$ _____

3. Evaluate $7n - 5$ when $n = 6$ _____

13. Evaluate $3a + 5$ when $a = 5$ _____

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

14. Evaluate $7a - 6$ when $a = 4$ _____

5. Evaluate $6n - 4$ when $n = 8$ _____

15. Evaluate $8x + 2$ when $x = 5$ _____

6. Evaluate $7n - 1$ when $n = 6$ _____

16. Evaluate $y^2 - 4y$ when $y = 9$ _____

7. Evaluate $5y + 5$ when $y = 3$ _____

17. Evaluate $8a + 9$ when $a = 4$ _____

8. Evaluate $x^2 + 9x$ when $x = 3$ _____

18. Evaluate $a^2 + 8a$ when $a = 3$ _____

9. Evaluate $x^2 - 5x$ when $x = 8$ _____

19. Evaluate $n^2 + 8n$ when $n = 6$ _____

10. Evaluate $3n - 9$ when $n = 6$ _____

20. Evaluate $6x - 3$ when $x = 3$ _____

Algebraic Expressions: Answer Key

1. 112

2. -4

3. 37

4. 105

5. 44

6. 41

7. 20

8. 36

9. 24

10. 9

11. 7

12. 32

13. 20

14. 22

15. 42

16. 45

17. 41

18. 33

19. 84

20. 15