Algebra 1 - Unit 1 - Substitution of Variables (Medium)

Substitute the given values for each variable.

1. a^2; a = 8

2. a^2; a = 4

3. 2(x + 4); x = 2

4. 3(y + 4); y = 12

5. 8n + 3; n = 6

6. 5(a + 7); a = 7

7. 6(x + 3); x = 6

8. a^2; a = 6

9. 4(n + 8); n = 5

10. 4(x + 1); x = 11

Algebra 1 - Unit 1 - Substitution of Variables (Medium)

Substitute the given values for each variable.

11. $5x + 5$; $x = 6$

12. $5(a + 7)$; $a = 8$

13. $6y + 1$; $y = 4$

14. $5y + 1$; $y = 10$

15. $5(a + 8)$; $a = 9$

16. a^2; $a = 2$

Algebra 1 - Unit 1 - Substitution of Variables (Medium) - Answer Key

1. a^2; a = 8
    64

2. a^2; a = 4
    16

3. 2(x + 4); x = 2
    12

4. 3(y + 4); y = 12
    48

5. 8n + 3; n = 6
    51

6. 5(a + 7); a = 7
    70

7. 6(x + 3); x = 6
    54

8. a^2; a = 6
    36

9. 4(n + 8); n = 5
    52

10. 4(x + 1); x = 11
    48

Fresh Math

11. $5x + 5$; $x = 6$

35

12. $5(a + 7)$; $a = 8$

75

13. $6y + 1$; $y = 4$

25

14. $5y + 1$; $y = 10$

51

15. $5(a + 8)$; $a = 9$

85

16. a^2; $a = 2$

4