



Name: _____

Date: _____

Fresh
Math

Algebra 1 – Unit 2 – Equations (Medium)

1. If $x = 5$, what equals $3x + 3$?
2. Find x if $x + 16 = 21$
3. If $x = 2$, what equals $2x + 4$?
4. If $x = 3$, what equals $2x + 2$?
5. Find x if $x + 17 = 23$
6. Verify: Is $x = 7$ a solution to $2x + 5 = 19$? (1=Yes, 0=No)
7. Find x if $x + 11 = 13$
8. Verify: Is $x = 12$ a solution to $4x + 1 = 49$? (1=Yes, 0=No)
9. Verify: Is $x = 5$ a solution to $5x + 6 = 31$? (1=Yes, 0=No)
10. If $x = 7$, what equals $4x + 9$?



Algebra 1 – Unit 2 – Equations (Medium) – Answer Key

1. If $x = 5$, what equals $3x + 3$?

x = 18

6. Verify: Is $x = 7$ a solution to $2x + 5 = 19$? (1=Yes, 0=No)

x = 1

2. Find x if $x + 16 = 21$

x = 5

7. Find x if $x + 11 = 13$

x = 2

3. If $x = 2$, what equals $2x + 4$?

x = 8

8. Verify: Is $x = 12$ a solution to $4x + 1 = 49$? (1=Yes, 0=No)

x = 1

4. If $x = 3$, what equals $2x + 2$?

x = 8

9. Verify: Is $x = 5$ a solution to $5x + 6 = 31$? (1=Yes, 0=No)

x = 1

5. Find x if $x + 17 = 23$

x = 6

10. If $x = 7$, what equals $4x + 9$?

x = 37