



Name: _____

Date: _____

Algebra 1 – Equations Spiral Review

11. Which value makes $x + 18 = 20$ true? (1=Yes, 0=No)
6. Verify: Is $x = 9$ a solution to $4x + 8 = 44$? (1=Yes, 0=No)
22. If $x = 5$ and $3x + 2 = 17$, what is $2x$? (1=Yes, 0=No)
7. Find x if $x + 9 = 11$
33. If $2a + 3b = 34$ and $a = 1$, find b . (1=Yes, 0=No)
8. If $x = 7$, what equals $3x + 2$?
44. If $5x - 21 = 54$, subtract both sides to get $5x = 25$? (1=Yes, 0=No)
9. Which value makes $x + 21 = 33$ true?
55. Find x if $x + 18 = 20$ and $a = 6$, find b .
10. Is $x = 5$ a solution to $4x = 25$? (1=Yes, 0=No)



Algebra 1 – Equations Spiral Review – Answer Key

11. Which value makes $x + 18 = 22$ true? (1=Yes, 0=No)

$$x = 4$$

6. Verify: Is $x = 9$ a solution to $4x + 8 = 44$? (1=Yes, 0=No)

$$x = 1$$

22. If $x = 5$ and $x + 13 = 23$, what is x ? (1=Yes, 0=No)

$$x = 18$$

$$x = 0$$

7. Find x if $x + 9 = 11$

$$x = 2$$

33. If $a = 3$ and $3a + 6 = 15$, find b (1=Yes, 0=No)

$$x = 1$$

$$x = 6$$

8. If $x = 7$, what equals $3x + 2$?

$$x = 23$$

44. If $5x - 21 = 54$, subtract both sides to get $5x = 25$?

$$x = 1$$

$$x = 15$$

9. Which value makes $x + 21 = 33$ true?

$$x = 12$$

55. Find x if $x + 18 = 20$ and $a = 6$, text{ find } b

$$x = 7$$

$$x = 5$$

10. Is $x = 5$ a solution to $4x = 25$? (1=Yes, 0=No)

$$x = 0$$