



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Algebra 1 – Equations Spiral Review

11. Which value is a solution to  $4x + 8 = 20$ ? (1=Yes, 0=No)
12. If  $x = 5$  is a solution, what is  $x + 9$ ? (1=Yes, 0=No)
13. If  $2a + 3b = 15$  is a solution (1=Yes, 0=No), find } b
14. If  $5x = 21$  is a solution (1=Yes, 0=No), both sides to get  $5x = 25$ ?
15. Find  $x$  if  $x + 3b = 20$  and }  $a = 6$ , text{ find } b
6. Verify: Is  $x = 9$  a solution to  $4x + 8 = 44$ ? (1=Yes, 0=No)
7. Find  $x$  if  $x + 9 = 11$
8. If  $x = 7$ , what equals  $3x + 2$ ?
9. Which value makes  $x + 21 = 33$  true?
10. Is  $x = 5$  a solution to  $4x = 25$ ? (1=Yes, 0=No)



# Algebra 1 – Equations Spiral Review – Answer Key

11. Which value makes  $4x + 8 = 20$  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  $x = 5$  is a solution, what is  $x + 9$ ? (1=Yes, 0=No)

x = 18  
x = 0

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

x = 2

33. If  $2a + 3 = 11$ , what is  $a$ ? (1=Yes, 0=No) (find } b

x = 1  
x = 6

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

x = 23

44. If  $5x = 21$ , what is  $x$ ? (1=Yes, 0=No) (both sides to get  $5x = 25$ )

x = 1  
x = 15

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

x = 12

55. Find  $x$  if  $4x + 30 = 26$  (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