***Unit 2 Quiz Review:***

1. – 7 = p – 10 2. b + = 3. = - 3 4. -7x = 343

5. x = - 32 6. 12x = 50 7. 5x + 8 = 48 8. 3(x - 18) = 18

9. 7 + = - 5 10. – 10 = 18x – 5(x – 4) 11. = - 2 12. x - 3 = 74

13. 47 = - 18 – x 14. – 8 = 77 – 5x 15. – 33x – 14 + 18x = 1

16. Negative eight times a number is – 144. Write the equation and solve it.

Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. The quotient of a number and 18 is 198. Write the equation and solve it.

Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. A number increased by – 67 is – 967. Write the equation and solve it.

Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19. Three less than four times a number is 99. Write the equation and solve it.

Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

20. A rectangle has a length of 3x - 5 and a width of x. The total perimeter is 70 feet. Write an equation

and solve for x. Find the length and width.

Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

X = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Length: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Width: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_