

Name:

Date:

Period:

Show all your work in your notebooks.

1. What is the solution for the equation $x + 1 = x + 2$ ? [A] $\frac{1}{2}$ [B] No solution [C] -1 [D] All Real #s	11. What is the value of n in the equation $3n - 8 = 32 - n$ ? [A] 10 [B] -6 [C] -10 [D] 6
2. What is the value of x in the equation $2(x - 3) + 1 = 19$ ? [A] 10.5 [B] 6 [C] 9 [D] 12	12. What is the value of p in the equation $2(3p - 4) = 10$ ? [A] $\frac{1}{3}$ [B] 3 [C] $2\frac{1}{3}$ [D] 1
3. What is the value of m in the equation $2m - (m + 1) = 0$ ? [A] -1 [B] 1 [C] 0 [D] $\frac{1}{3}$	13. Find x in the equation: $13x - 2(x + 4) = 8x + 1$ [A] 3 [B] 4 [C] 1 [D] 2
4. Which value of p is the solution of $5p - 1 = 2p + 20$ ? [A] $\frac{19}{7}$ [B] 3 [C] 7 [D] $\frac{19}{3}$	14. Find x in the equation: $5(2x - 7) = 15x - 10$ [A] 1 [B] 0.6 [C] -9 [D] -5
5. If $3(x + 2) - 2(x + 1) = 8$ , then the value of x is [A] 4 [B] $\frac{1}{5}$ [C] 5 [D] 1	15. If $-2x + 3 = 7$ and $3x + 1 = 5 + y$ , the value of y is: [A] 10 [B] 0 [C] 1 [D] -10
6. What is the value of x in the equation $5 - 3x = -7$ ? [A] -4 [B] 4 [C] $\frac{2}{3}$ [D] $-\frac{2}{3}$	16. If $3(x - 2) = 2x + 6$ , then x equals: [A] 12 [B] 5 [C] 20 [D] 0
7. What is the value of p in the equation $8p + 2 = 4p - 10$ ? [A] 1 [B] 3 [C] -3 [D] -1	17. If $2(x + 3) = x + 10$ , then x equals: [A] 4 [B] 7 [C] 14 [D] 5
8. Solve for g: $3 + 2g = 5g - 9$	18. If $2x + 5 = -25$ and $-3m - 6 = 48$ , what is the product of x and m? [A] -33 [B] -270 [C] 3 [D] 270
9. Solve for x: $5(x - 2) = 2(10 + x)$	19. What is the solution of the equation $3y - 5y + 10 = 36$ ? [A] 4.5 [B] -13 [C] 2 [D] 13
10. Find x in the equation: $6(x - 2) = 36 - 10x$ [A] -6 [B] 3 [C] 6 [D] 1.5	20. Solve for x: $15x - 3(3x + 4) = 6$ [A] $\frac{1}{3}$ [B] $-\frac{1}{2}$ [C] 1 [D] 3