

Simplifying and Solving Equations (C)

Name: _____

Date: _____

Determine the value of the unknown in each equation.

1. $8(b + 1) = -3(2 + b)$

11. $9 + 4t = -3(1 - 2t)$

2. $-3z - 1 = 1 - 7z$

12. $-2(n + 4) - 2 = 9n$

3. $w - 5 = 8w + 5$

13. $-8 + 6m = -6m + 8$

4. $-5f - 8 = 2(3f + 2)$

14. $6x - 6 = 9x - 3$

5. $6g + 5 = -2(1 + 2g)$

15. $-9j - 1 = 9j - 5$

6. $5r = -3(r + 3) - 7$

16. $5s + 3 = -s - 4$

7. $-7q + 8 = -8 + 3q$

17. $-h = -3(3h + 1) + 1$

8. $-4p - 2 = 6p + 1$

18. $-6(1 - v) = 5(1 - v)$

9. $-5 + 8a = -4 + 7a$

19. $-7 - 5d = 7 - 9d$

10. $5k = -2(1 + 4k) - 7$

20. $-6y = -5(1 - y) - 5$