

Simplifying and Solving Equations (B)

Name: _____

Date: _____

Determine the value of the unknown in each equation.

1. $-8c + 8 = 5c + 2$

11. $-3 + 8t = -1 + 5t$

2. $6 - 7w = -w + 6$

12. $-2(1 + h) = -7(h + 1)$

3. $-2 + 6d = 4d + 8$

13. $-6p = -2(4 - p) - 7$

4. $-6g - 5 = -5g + 6$

14. $-2(2 + 3x) = -3(2 - 3x)$

5. $-4(a + 2) - 1 = -5a$

15. $-8 - m = 7 - 6m$

6. $8b + 5 = -1 + 6b$

16. $-9 - 6y = 2 + 2y$

7. $-6j + 6 = j + 3$

17. $-4(2r + 1) = -6 + r$

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

18. $-5 - k = -8 - 5k$

9. $1 + 5n = n + 8$

19. $9s - 7 = -4s + 7$

10. $-3(z + 2) = -9z + 1$

20. $2(q - 3) - 8 = -q$