Simplifying and Solving Equations (F)

Name: _____ Date: _____

Determine the value of the unknown in each equation.

1. $4(r-2) = -2(4r-3)$
2. $2(-4-w) - 5w = 1$
3. $9 - 2q = 6 + 9q$
4. $-v - 4(v+1) = -1 + 6v$
5. $-5 + 7y = -7 - 8y$
6. $-4k + 3 = 4(2k-1)$
7. $4(s-2) - 1 = 2s - 3$
8. $-3(2a-1) = -3(a-1) + 2$
9. $2(-3c-1) + 4 = -5c$
10. $3(1-n) = 6 - 2n$
11. $4 + 3(1-g) + 5 = -9g$
12. $t + 2(t-1) - 4 = t$
13. $-3(1+2b) = -3 + 8b$
14. $-3(3+2h) = 5(h-1) - 1$
15. $-d - 7 = 5(d+1) + 1$
16. $-2(3-j) = 7 + 3j$
17. $-2(1-2m) = 2m + 5$
18. $-8z + 1 = 5(z+1) + 2$
19. $7 + 3p = -1 + 6p$
20. $5x + 3 = 7 + 8x$