

Name: _____ Date: _____

Simplify Expressions Worksheet

Simplify the expressions.

1 a. $s + 5w + s + 4 - s$

1 b. $-5k - 6y + 2k + 13 - 2k$

*2 a. $\boxed{10} + \textcircled{9t} - 6t^2 + \textcircled{15t} + \boxed{3} + 4t^2$

*2 b. $-(\overset{\curvearrowright}{-7t} - \overset{\curvearrowright}{3} - \overset{\curvearrowright}{3t^2}) + 6t$

3 a. $-10(s - 6) + 1$

3 b. $2 + 7(14t - 1)$

4 a. $2 + 6a - 12 - 6a$

4 b. $7(w + 10) - 15$

5 a. $-5n - 5n$

5 b. $-10z - 9z - 9 + 12z$

Name: _____ Date: _____

6 a. $5(a + 6) - 11$

6 b. $-6(t + 6) - 10$

* 7 a. $-5p^2 - 12p - 4 + 15p^2 + 2$

* 7 b. $-2 - 14s - 8s^2 + 11s - 6 - 6s^2$

8 a. $-4(s - 4) - 7$

8 b. $t + 10z - 6t - 4 - 9t$

9 a. $4 + 5s - 5s + 4 - 3 - 12s$

* 9 b. $6 - 9t + 9y + 2y + 9t$

* 10 a. $-10 - 8(y^2 - 9y - 4) + 9y^2$

10 b. $-4 + 10s - 9 - 14s$