

Name : \_\_\_\_\_ Score : \_\_\_\_\_  
Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

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### Simplifying Algebraic Expressions

1)  $9 + 4f - 7z$  use  $f = 6$  and  $z = 5$       6)  $-9n + 5 - 3x - 6$  use  $n = 9$  and  $x = 2$

2)  $8(9d + 6) - 4b$  use  $d = 8$  and  $b = 3$       7)  $\frac{21}{x} - 2s$  use  $x = 7$  and  $s = 9$

3)  $-3w + 2(8x - 9)$  use  $x = 5$  and  $w = 7$       8)  $-3(-6n - 4s)$  use  $s = 7$  and  $n = 9$

4)  $-\frac{k}{8} - 8h$  use  $k = 24$  and  $h = 7$       9)  $7(4r + 6k)$  use  $r = 9$  and  $k = 2$

5)  $7b + 4z$  use  $b = 6$  and  $z = 7$       10)  $5k + 4x + 8 + 9$  use  $k = 9$  and  $x = 3$

