

Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

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### Simplifying Algebraic Expressions

1)  $-\frac{b}{6} - 9k$  use  $b = 24$  and  $k = 3$

6)  $\frac{16}{b} + 9 - 6w$  use  $b = 8$  and  $w = 2$

2)  $5f + 3s + 6$  use  $f = 6$  and  $s = 7$

7)  $7r + 6 - 8b - 2$  use  $r = 7$  and  $b = 5$

3)  $9 + 8f - 5s$  use  $f = 6$  and  $s = 8$

8)  $3(9f + 5c)$  use  $c = 5$  and  $f = 8$

4)  $-7(-8k + 9f)$  use  $k = 2$  and  $f = 5$

9)  $3 + \frac{28}{z} + 4s$  use  $z = 7$  and  $s = 5$

5)  $-4r + 3(8 + 9s)$  use  $s = 6$  and  $r = 9$

10)  $2s + \frac{36}{k}$  use  $k = 9$  and  $s = 5$

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### Simplifying Algebraic Expressions

1)  $-\frac{b}{6} - 9k$  use  $b = 24$  and  $k = 3$   
-31

6)  $\frac{16}{b} + 9 - 6w$  use  $b = 8$  and  $w = 2$   
-1

2)  $5f + 3s + 6$  use  $f = 6$  and  $s = 7$   
57

7)  $7r + 6 - 8b - 2$  use  $r = 7$  and  $b = 5$   
13

3)  $9 + 8f - 5s$  use  $f = 6$  and  $s = 8$   
17

8)  $3(9f + 5c)$  use  $c = 5$  and  $f = 8$   
291

4)  $-7(-8k + 9f)$  use  $k = 2$  and  $f = 5$   
-203

9)  $3 + \frac{28}{z} + 4s$  use  $z = 7$  and  $s = 5$   
27

5)  $-4r + 3(8 + 9s)$  use  $s = 6$  and  $r = 9$   
150

10)  $2s + \frac{36}{k}$  use  $k = 9$  and  $s = 5$   
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