

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

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

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

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

### Simplifying Algebraic Expressions

1)  $-2 - \frac{r}{3}$  use  $r = 6$

6)  $-\frac{d}{6} - 5$  use  $d = 24$

2)  $6w - 5w + 8$  use  $w = 6$

7)  $\frac{16}{s} + 2 - 9s$  use  $s = 8$

3)  $5c + 3 + 8c$  use  $c = 2$

8)  $8(7h + 2) + 6$  use  $h = 7$

4)  $8 + 9(-4 - 3k)$  use  $k = 7$

9)  $5(-6b - 4)$  use  $b = 9$

5)  $-5(-6 - 3z)$  use  $z = 5$

10)  $8 - \frac{21}{z} - 4z$  use  $z = 7$



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

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### Simplifying Algebraic Expressions

1)  $-2 - \frac{r}{3}$  use  $r = 6$   
-4

6)  $-\frac{d}{6} - 5$  use  $d = 24$   
-9

2)  $6w - 5w + 8$  use  $w = 6$   
14

7)  $\frac{16}{s} + 2 - 9s$  use  $s = 8$   
-68

3)  $5c + 3 + 8c$  use  $c = 2$   
29

8)  $8(7h + 2) + 6$  use  $h = 7$   
414

4)  $8 + 9(-4 - 3k)$  use  $k = 7$   
-217

9)  $5(-6b - 4)$  use  $b = 9$   
-290

5)  $-5(-6 - 3z)$  use  $z = 5$   
105

10)  $8 - \frac{21}{z} - 4z$  use  $z = 7$   
-23

