

Name : _____

Score : _____

Teacher : _____

Date : _____

Simplifying Algebraic Expressions

1) $-\frac{r}{4} - 4k$ use $r = 16$ and $k = 8$

6) $-2(3b + 4k) - 9$ use $k = 9$ and $b = 7$

2) $-8(4c + 5x)$ use $c = 7$ and $x = 6$

7) $3(-7x + 4f)$ use $f = 7$ and $x = 3$

3) $k - 3d$ use $k = 2$ and $d = 7$

8) $-\frac{36}{s} + 5b$ use $s = 9$ and $b = 3$

4) $\frac{16}{c} - 8 + 9z$ use $c = 8$ and $z = 5$

9) $5 - 4f - 7b - 9$ use $f = 9$ and $b = 5$

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

10) $-\frac{x}{7} + 9 + 3d$ use $x = 28$ and $d = 5$



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1) $-\frac{r}{4} - 4k$ use $r = 16$ and $k = 8$
-36

6) $-2(3b + 4k) - 9$ use $k = 9$ and $b = 7$
-123

2) $-8(4c + 5x)$ use $c = 7$ and $x = 6$
-464

7) $3(-7x + 4f)$ use $f = 7$ and $x = 3$
21

3) $k - 3d$ use $k = 2$ and $d = 7$
-19

8) $-\frac{36}{s} + 5b$ use $s = 9$ and $b = 3$
11

4) $\frac{16}{c} - 8 + 9z$ use $c = 8$ and $z = 5$
39

9) $5 - 4f - 7b - 9$ use $f = 9$ and $b = 5$
-75

5) $-7 + 4(9f - 5s)$ use $s = 2$ and $f = 7$
205

10) $-\frac{x}{7} + 9 + 3d$ use $x = 28$ and $d = 5$
20

