

Name : _____

Score : _____

Teacher : _____

Date : _____

Simplifying Algebraic Expressions

1) $-8w - 2 + 6z - 5$ use $w = 3$ and $z = 2$

6) $9b - h$ use $b = 5$ and $h = 8$

2) $4 - 7w + 9b$ use $w = 2$ and $b = 3$

7) $4 - 2h - 5b$ use $h = 8$ and $b = 7$

3) $2d - 3 + 6b$ use $d = 3$ and $b = 4$

8) $3d + 8c - 9$ use $d = 5$ and $c = 3$

4) $d - 7r$ use $d = 8$ and $r = 2$

9) $-2s - 9h - 6 - 3$ use $s = 9$ and $h = 4$

5) $-5r + 7 + 4 - 2b$ use $r = 3$ and $b = 9$

10) $r + 7x$ use $r = 6$ and $x = 7$



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1) $2d - 9c$ use $d = 9$ and $c = 8$

6) $6 - 5k - 2c$ use $k = 4$ and $c = 7$

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

7) $-4(-3s - 7f)$ use $s = 9$ and $f = 5$

3) $8(9w - 5c)$ use $c = 3$ and $w = 7$

8) $f + 4s$ use $f = 6$ and $s = 8$

4) $2s - 3 - 4f$ use $s = 9$ and $f = 6$

9) $-4n - 2 - 8 + 6c$ use $n = 7$ and $c = 9$

5) $-3k - 9r + 5 - 6$ use $k = 9$ and $r = 6$

10) $-9(8x + 2k) - 5$ use $k = 7$ and $x = 3$



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1) $-5(9r - 4h)$ use $r = 5$ and $h = 6$

6) $8(5 + 6f) + 4k$ use $f = 2$ and $k = 9$

2) $\frac{r}{9} - 2 - 8x$ use $r = 27$ and $x = 8$

7) $-3 + 5 + 8c - 2h$ use $c = 9$ and $h = 2$

3) $5k - 3r$ use $k = 8$ and $r = 4$

8) $9(-8h - 6) - 4d$ use $h = 8$ and $d = 2$

4) $-4d - \frac{18}{b}$ use $b = 6$ and $d = 2$

9) $-5r - 3 + 9 - 7c$ use $r = 8$ and $c = 2$

5) $2s - 3 - 9h$ use $s = 8$ and $h = 9$

10) $-\frac{8}{w} + 4 + 7h$ use $w = 2$ and $h = 9$



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1) $-2(6b + 3k) + 4$ use $k = 3$ and $b = 4$

6) $w + 8h$ use $w = 3$ and $h = 5$

2) $9f - w$ use $f = 9$ and $w = 7$

7) $\frac{8}{h} + 4 + 5x$ use $h = 2$ and $x = 5$

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

8) $5k + \frac{24}{c}$ use $c = 6$ and $k = 9$

4) $8 - 5f + 2s$ use $f = 8$ and $s = 4$

9) $4(-3n - 9k)$ use $k = 9$ and $n = 6$

5) $\frac{24}{r} - 8h$ use $r = 8$ and $h = 5$

10) $7 + \frac{x}{5} - 9r$ use $x = 20$ and $r = 8$

