Simplifying Expressions · Grade 8

Name _____ Date _____ Score _____ / 12

01 $6x + 5x + 11 - 5 =$ ____

02 $2(1x - 6) =$ ____

03 $7x + 7x + 7 - 2 =$ ____

04 $2(4x - 3) =$ ____

05 $5x + 2x + 7 + 6 =$ ____

06 $(-8x + 4) + (3x - 11) =$ ____

07 $(6x - 7) + (-x - 6) =$ ____

08 $5(6x - 10) =$ ____

09 $3x + 6x + 10 + 11 =$ ____

10 $(2x - 4) + (7x - 9) =$ ____

11 $9(7x + 4) =$ ____

12 $(9x + 10) + (9x - 5) =$ ____

Simplifying Expressions · Grade 8 (Answer Key)

01 $6x + 5x + 11 - 5 =$ **$11x + 6$**

02 $2(1x - 6) =$ **$2x - 12$**

03 $7x + 7x + 7 - 2 =$ **$14x + 5$**

04 $2(4x - 3) =$ **$8x - 6$**

05 $5x + 2x + 7 + 6 =$ **$7x + 13$**

06 $(-8x + 4) + (3x - 11) =$ **$-5x - 7$**

07 $(6x - 7) + (-x - 6) =$ **$5x - 13$**

08 $5(6x - 10) =$ **$30x - 50$**

09 $3x + 6x + 10 + 11 =$ **$9x + 21$**

10 $(2x - 4) + (7x - 9) =$ **$9x - 13$**

11 $9(7x + 4) =$ **$63x + 36$**

12 $(9x + 10) + (9x - 5) =$ **$18x + 5$**