Simplifying Expressions · Grade 8

Name _____ Date _____ Score _____ / 12

01 $(6x + 4) + (5x + 3) =$ ____

02 $3x + 4x + 6 - 1 =$ ____

03 $(2x - 3) + (-6x + 6) =$ ____

04 $3x + 6x + 8 - 8 =$ ____

05 $5x + 1x + 6 - 6 =$ ____

06 $5x + 5x + 8 - 8 =$ ____

07 $3x + 5x + 5 + 5 =$ ____

08 $(-4x - 7) + (-4x + 1) =$ ____

09 $(-5x + 4) + (-x - 7) =$ ____

10 $(x + 6) + (-2x - 7) =$ ____

11 $(-4x + 6) + (-4x + 1) =$ ____

12 $3x + 3x + 1 - 1 =$ ____

Simplifying Expressions · Grade 8 (Answer Key)

01 $(6x + 4) + (5x + 3) =$ **$11x + 7$**

02 $3x + 4x + 6 - 1 =$ **$7x + 5$**

03 $(2x - 3) + (-6x + 6) =$ **$-4x + 3$**

04 $3x + 6x + 8 - 8 =$ **$9x + 0$**

05 $5x + 1x + 6 - 6 =$ **$6x + 0$**

06 $5x + 5x + 8 - 8 =$ **$10x + 0$**

07 $3x + 5x + 5 + 5 =$ **$8x + 10$**

08 $(-4x - 7) + (-4x + 1) =$ **$-8x - 6$**

09 $(-5x + 4) + (-x - 7) =$ **$-6x - 3$**

10 $(x + 6) + (-2x - 7) =$ **$-x - 1$**

11 $(-4x + 6) + (-4x + 1) =$ **$-8x + 7$**

12 $3x + 3x + 1 - 1 =$ **$6x + 0$**