Simplifying Expressions · Grade 8

Name _____ Date _____ Score _____ / 12

01 $6x + 3x + 9 - 10 =$ ____

02 $12x + 7x + 2 + 7 =$ ____

03 $10x + 8x + 14 + 12 =$ ____

04 $11x + 3x + 9 + 3 =$ ____

05 $(2x - 4) + (-2x - 14) =$ ____

06 $2(2x - 7) =$ ____

07 $(-3x - 13) + (-3x + 11) =$ ____

08 $9(7x - 7) =$ ____

09 $(4x + 5) + (11x + 3) =$ ____

10 $(12x + 10) + (-9x + 4) =$ ____

11 $(-9x + 3) + (-3x + 9) =$ ____

12 $4(6x + 3) =$ ____

Simplifying Expressions · Grade 8 (Answer Key)

01 $6x + 3x + 9 - 10 =$ **$9x - 1$**

02 $12x + 7x + 2 + 7 =$ **$19x + 9$**

03 $10x + 8x + 14 + 12 =$ **$18x + 26$**

04 $11x + 3x + 9 + 3 =$ **$14x + 12$**

05 $(2x - 4) + (-2x - 14) =$ **-18**

06 $2(2x - 7) =$ **$4x - 14$**

07 $(-3x - 13) + (-3x + 11) =$ **$-6x - 2$**

08 $9(7x - 7) =$ **$63x - 63$**

09 $(4x + 5) + (11x + 3) =$ **$15x + 8$**

10 $(12x + 10) + (-9x + 4) =$ **$3x + 14$**

11 $(-9x + 3) + (-3x + 9) =$ **$-12x + 12$**

12 $4(6x + 3) =$ **$24x + 12$**