Simplifying Expressions · Grade 7

Name _____ Date _____ Score _____ / 12

01 $3(1x + 12) =$ _____

02 $6(6x + 1) =$ _____

03 $4(5x - 11) =$ _____

04 $3x + 3x + 5 - 12 =$ _____

05 $4(6x + 5) =$ _____

06 $3(4x - 6) =$ _____

07 $7x + 4x + 10 + 7 =$ _____

08 $6x + 6x + 9 + 9 =$ _____

09 $6(4x + 5) =$ _____

10 $7x + 6x + 3 + 3 =$ _____

11 $8(4x + 6) =$ _____

12 $6x + 2x + 7 + 10 =$ _____

Simplifying Expressions · Grade 7 (Answer Key)

01 3(1x + 12) =

3x + 36

02 6(6x + 1) =

36x + 6

03 4(5x − 11) =

20x − 44

04 3x + 3x + 5 − 12 =

6x − 7

05 4(6x + 5) =

24x + 20

06 3(4x − 6) =

12x − 18

07 7x + 4x + 10 + 7 =

11x + 17

08 6x + 6x + 9 + 9 =

12x + 18

09 6(4x + 5) =

24x + 30

10 7x + 6x + 3 + 3 =

13x + 6

11 8(4x + 6) =

32x + 48

12 6x + 2x + 7 + 10 =

8x + 17