Lesson Directions:

By the end of the lesson, you should feel comfortable simplifying expressions. Make sure you work your way through the different levels. Once you have completed a level, check your answers with me.

Level 1:

1. -5n + 3(6 + 7n) 5) 16 + 7(m + 5) - 2
2. -4(8x - 4) + 3x
3. 9 - 5(1 + 3n) 6) 6y - 2(7 + 1) + 13
4. 9 - (23z - 18 + 16z)

Level 2:

1. X - 9 = 32 6) -7r = 91
2. -8 + t = -56
3. 24 = 12 + a 7)
4. 27 = -9w
5. P - 13 = 169 8)

Level 3:

1. x + 8 = 24 5) -4(k - 11) = 36
2. 3(p + 14) = 39 6)
3. -7y + 22 = 71 7) 6b - 23 = 59
4. 12h - 4 = 2

Level 4:

1. 4n - 2n = 4 6) 3x + 2(x - 5) = 25
2. 3 = x + 3 - 5x
3. -12 = 3 - 2k - 3k 7) -3m - 5 = 5m - 13
4. 6 = -3(x + 2)
5. -7x - 5x + 8 = -16

Level 5:

1. 8x + 2 = 4x + 10 4)
2. 14x + 4 = 5x + 31 5)
3. 5b - 2 = 2b + 7 6)