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|  3(2 + x) + 2x = 4x + 6 – 6 2 6 + 3x + 2x = 2x + 3 – 6 | **FIRST**Use the Distributive Property to either:1.) Multiply the outside number by both numbers in the parentheses-OR-2.) Divide the numbers in the numerator (top) by the denominator (bottom). |
|   6 + 3x + 2x = 2x + 3 – 6 6 + 5x = 2x + (-3) | **SECOND**Combine Like Terms on each side of the equation. |
|  6 + 5x = 2x + (-3) - 2x -2x 6 + 3x = -3 | **THIRD**If there are variables on both sides of the equation, then subtract the smaller term from both sides. |
|  6 + 3x = -3 - 6 -6 3x = -9 | **FOURTH**Get rid of all the adding and subtracting from the side that has the variable.\*\*Opposite of adding is subtracting\*\*Opposite of subtracting is adding |
|   3x = -9 3 3 x = -3 | **FIFTH**Get rid of all the multiplying and dividing from the side that has the variable.\*\*Opposite of multiplying is dividing\*\*Opposite of dividing is multiplying |