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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 |