Solving Equations with Variables on Both sides

**4 – 2k = -5(k + 7)**

3. Isolate the variables on one side. (Choose a variable & perform inverse operation to combine it with variable on the other side.

2. Combine like terms

1. Distributive Property to get rid of (\_).

4. Find what is added or subtracted to the variable & perform the inverse operation.

5. Find what is being multiplied or divided by the variable & perform the inverse operation.

6. Solve for x. Simplify if ​ needed.

Solving Equations with Variables on Both sides

**4 – 2k = -5(k + 7)**

3. Isolate the variables on one side. (Choose a variable & perform inverse operation to combine it with variable on the other side.

2. Combine like terms

1. Distributive Property to get rid of (\_).

4. Find what is added or subtracted to the variable & perform the inverse operation.

5. Find what is being multiplied or divided by the variable & perform the inverse operation.

6. Solve for x. Simplify if ​ needed.