Solving Equations with Variables on Both Sides of Equal Sign

1. Use the _________________ to get rid of any _____________.

2. Combine _______ Terms separately on each side of the equal sign.

3. Choose which side you would like your variable on. Add or Subtract to make an invisible _____ on the other side.

4. Solve using rules for equations with variable on one side of equal sign.

5. Remember to Verify by substitution.
\[-3x + 20 = 4x - 22\]
\[13x - 2(x + 4) = 8x + 1\]
\[4 + n - 9 = -9 + 1 + 2n + 12\]
\[7x - 3x = -6(x + 10) + 5(-3 - 3x)\]
\[-13n - 53 = -2(2n - 14)\]
\[2(5 - 8k) - 13 = 9(1 - k) - 12\]