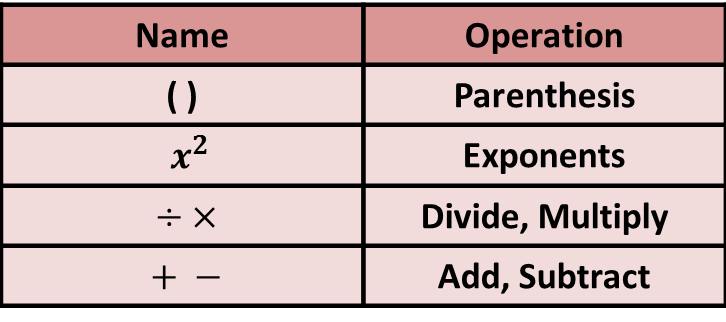
A **Two-Step Equation** is an equation that can be solved in two steps using the properties of equality and undoing the mathematical operations.

If is the variable in the equation, then the two-step equation can be of the forms:

**Undoing the Order of Operations**

While simplifying the mathematical expressions, the order of operations followed is PEDMAS.



**When Solving Equation**

**When Simplifying**

**DO**

**UNDO**

When solving an equation, we undo the operations in equation in the opposite sequence i.e. from bottom to top.

**Solving Two-Step Equations without Parenthesis**

In solving these types of equations, we first add or subtract and then multiply or divide according to the equation.

**Problem 1: Solve**

**Addition Property of Equality**

**Step 1**

**Step 2**

**Division Property of Equality**

**Problem 2: Solve**

**Subtraction Property of Equality**

**Multiplication Property of Equality**

**Step 2**

**Step 1**

**Solving Two-Step Equations with Parenthesis**

In solving these types of equations, we first multiply or divide and then solve the expression in parenthesis using addition or subtraction, according to the equation.

**Problem 3: Solve**

**Addition Property of Equality**

**Step 2**

**Division Property of Equality**

**Step 1**

**Problem 4: Solve**

**Step 2**

**Subtraction Property of Equality**

**Step 1**

**Multiplication Property of Equality**