

## Addition and Subtraction of Decimals

➡ **For addition or subtraction of decimals, we have to follow these steps:**

**Step 1:** Change the given decimal into like decimals.

**Step 2:** Write the numbers in columns, so that decimal points should come in one column.

**Step 3:** Now, add or subtract the decimals just as we add or subtract the whole numbers.

**Step 4:** Put the decimal in the sum or difference directly under the decimal points of all the decimals.

**Let us understand with some examples:**

**Example:** Add 7.086, 12 and 17.24.

**Solution:** Converting into like decimals

$$\begin{array}{rclcl} 7.086 & = & 7.086 & & 7.086 \\ 12 & = & 12.000 & + & 12.000 \\ 17.24 & = & 17.240 & + & 17.240 \\ & & & & \hline & & & & 36.240 \end{array}$$

Hence,  $7.086 + 12 + 17.240 = 36.240$

**Example:** Subtract 36.314 from 49.69.

**Solution:** Converting into like decimals.

$$\begin{array}{rclcl} 49.69 & = & 49.690 & & 49.690 \\ 36.314 & = & 36.314 & - & 36.314 \\ & & & & \hline & & & & 13.376 \end{array}$$

Hence,  $49.69 - 36.314 = 13.376$