

Subject - Maths

Class - IV

Topic - Addition

3. A change in the order of the addends does not change the sum of the two numbers. This property is called the order property of addition.

Example : Let us take numbers 42310 and 23410.

$$\begin{array}{r} 42310 \\ + 23410 \\ \hline 65720 \end{array}$$

$$\begin{array}{r} 23410 \\ + 42310 \\ \hline 65720 \end{array}$$

So, $42310 + 23410 = 23410 + 42310$

4. A change in the grouping of the addends does not change the sum of the three numbers. This property is called the grouping property of addition.

Example : Let us take numbers 12345, 54321 and 11111.

$$\begin{array}{r} 12345 \\ + 54321 \\ \hline 66666 \end{array}$$

$$\begin{array}{r} 66666 \\ + 11111 \\ \hline 77777 \end{array}$$

$$\begin{array}{r} 54321 \\ + 11111 \\ \hline 65432 \end{array}$$

$$\begin{array}{r} 65432 \\ + 12345 \\ \hline 77777 \end{array}$$

So, $(12345 + 54321) + 11111 = 12345 + (54321 + 11111)$

Exercise-4

Use Cordova Smart Class Software on the smart board in class to do Exercise.

Fill in the boxes :

1. $4634 + \boxed{} = 4634$

2. $21346 + 1 = \boxed{}$

3. $53476 + 0 = \boxed{}$

4. $34567 + \boxed{} = 34568$

5. $14357 + 19235 = 19235 + \boxed{}$

6. $82547 + (35458 + 10000) = (82547 + \boxed{}) + 10000$

7. $(112000 + 135400) + 234567 = 112000 + (135400 + \boxed{})$

