MATHS CLASS III
LESSON – ADDITION

Addition of 4-digit numbers without regrouping –

- Arrange the numbers in columns, as per their place value.
- The numbers at the ones place are added first.
- Followed by the numbers at tens place.
- Numbers at hundreds place are added next.
- Lastly, add the numbers at the thousands place.

Example: Arrange in columns and add 5323 + 3211

	Thousands	Hundreds	Tens	Ones
	5	3	2	3
+	3	2	1	1
	8	**5**	**3**	**4**

Solution: 8,534

Q1. Arrange in columns and add the following numbers:

a) 6754 + 1202

b) 4433 + 1325

c) 3310 + 4311

d) 5534 + 3105

Addition of three 4 - digit numbers without regrouping –

Follow the above steps in a similar way for adding three sets of 4-digit numbers i.e.

- Arrange the numbers in columns, as per their place value.

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- The numbers at the ones place are added first.
- Followed by the numbers at tens place.
- Numbers at hundreds place are added next.
- Lastly, add the numbers at the thousands place.

(Observe that, the place values can be written in short).

Example: Arrange in columns and add 4310 + 4128 + 1431

	Th	H	T	O
	4	3	1	0
	4	1	2	8
+	1	4	3	1
	9	**8**	**6**	**9**

Solution: 9,869

Q2. Arrange in columns and add the following numbers:

a) 5654 + 1202 + 2103
b) 3432 + 2101 + 1325
c) 3310 + 1103 + 4311
d) 4534 + 2103 + 3060

Addition of 4-digit numbers using expanded notation

- Write the numbers in the expanded form.
- Add the numbers of the same place value i.e.

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- Add numbers at one's place first.
- Followed by the numbers at tens place.
- Numbers at hundreds place are added next.
- Lastly, add the numbers at the thousands place.

Example: Expand and add: 3456 + 4241

$$
\begin{array}{rl}
 & 3456 = 3000 + 400 + 50 + 6 \\
+ & \underline{4241 = 4000 + 200 + 40 + 1} \\
 & \underline{7697 = 7000 + 600 + 90 + 7}
\end{array}
$$

Solution: 7,697

Q3. Expand and add the following numbers:

a) 6754 + 1202
b) 8432 + 1345
c) 3310 + 4331
d) 5624 + 3105

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