Littera Public School

CHAPTER-2 ADDITION

Class-II

-> Addition of 3 Digit Numbers by Regrouping

Example: Add 263 and 424.

Solution: 2 hundreds + 6 tens + 3 ones + 4 hundreds + 2 tens + 4 ones

- = (2+4) hundreds + (6+2) tens + (3+4) ones
- = 6 hundreds + 8 tens + 7 ones
- = 687

EXERCISE-2.1

Add the following numbers:

- 1. 219 + 330
 - = 12 hundreds + 10 tens + 2 ones + 3 hundreds + 30 tens + 0 ones
 - = 2 + 3 hundreds + 9 + 20 tens + 9 + 0 ones
 - = $5 \text{ hundreds} + \sqrt{9} \text{ tens} + \sqrt{9} \text{ ones} = 5 \sqrt{9}$
- $2. \quad 432 + 341$
 - = 1 hundreds + 30 tens + 1 ones + 5 hundreds + 60 tens + 1 ones
 - $= \sqrt{1 + 2}$ hundreds $+ 30 + \sqrt{2}$ tens $+ 2 + \sqrt{1}$ ones
 - =7 hundreds +70 tens +3 ones =773
- 3. 448 + 320
 - = 4 hundreds + 40 tens + 8 ones + 3 hundreds + 20 tens + 0 ones
 - =9+3 hundreds +9+20 tens +8+0 ones
 - = 7 hundreds + 60 tens + 8 ones = $\frac{768}{}$
- 4. 235 + 704
 - = 2 hundreds + 30 tens + 5 ones + 7 hundreds + 0 tens + 4 ones
 - = 2 + 7 hundreds + 30 + 6 tens + 5 + 7 ones
 - = 9 hundreds + 30 tens + 9 ones = 929

vertical Addition (without Carrying)

Example: Add 543 and 236.

Solution: Step 1: We add digits in ones column: 3 + 6 = 9

We write 9 in ones column

Step 2: We add digits in tens column: 4+3=7

We write 7 in tens column.

Step 3: We add digits in hundreds column: 5+2=7We write 7 in hundreds column.

 \therefore Sum = 779.

EXERCISE- 2.2

Add the following numbers:

7 3 2

$$+ \frac{2}{9} \frac{6}{9} \frac{3}{5}$$

2.

3 1 2

3.

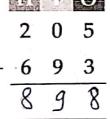
1

5.

8 5 3

6.

7.

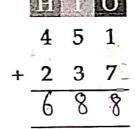


8.

9.

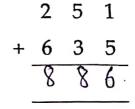
+ 6 7 4

10.



11.

12.



-> Addition of Three One Digit Number Example: Add 3, 5 and 4.

Solution: 3 ones + 5 ones + 4 ones

- = 3 ones + [5 ones + 4 ones]
- = 3 ones + 9 ones
- = 12 ones = 10 ones + 2 ones
- = 1 ten + 2 ones

(We know that 10 ones = 1 tem)

EXERCISE-2.3

Add the following:

- 6 ones + 1 one + 7 ones
 - = 6 ones + [0 ones + 7 ones] = 6 ones + 6 ones
 - = $\sqrt{9}$ ones = $\sqrt{9}$ ones + $\sqrt{9}$ ones = $\sqrt{1}$ ten + $\sqrt{9}$ ones
- 7 ones + 6 ones + 5 ones2.
 - = 7 ones + 6 ones + 5 ones] = 7 ones + 11 ones
 - = \mathfrak{B} ones = \mathfrak{B} ones + \mathfrak{B} ones = \mathfrak{T} ten + \mathfrak{S} ones
- 6 ones + 1 one + 5 ones
 - = 6 ones + [4 ones + 5 ones] = 6 ones + 6 ones
 - = \mathcal{I}_6 ones = \mathcal{I}_6 ones + \mathcal{I}_6 ones = \mathcal{I}_6 ten + \mathcal{I}_6 ones
- 7 ones + 6 ones + 5 ones
 - = Ξ ones + [6] ones + Ξ ones] = Ξ ones + Ξ ones
 - = \mathcal{Z} ones = \mathcal{Z} ones + \mathcal{Z} ones = \mathcal{Z} ten + \mathcal{Z} ones
- 6 ones + 2 ones + 7 ones + 5 ones
 - = [6] ones + 2 ones] + [7] ones + 5] ones]
 - = 8 ones + 12 ones = 10 ones = 10 ones = 10 ones

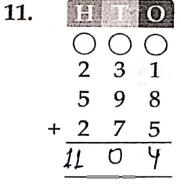
EXERCICE-R.Y

Add the following numbers: (with coming)

7.

8.

12.

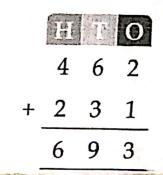


EXERCISE-2.5

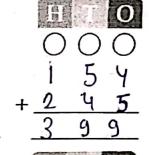
Example: 462 people were sitting in a hall. 231 more joined them. How many people are there in the hall now?

Solution: Number of people in hall = 462 Number of people who joined them = 231

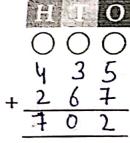
∴ Total number of people in hall now = 693



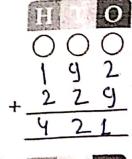
1. Teacher asked students to collect pebbles from the ground. Akash collected 154 pebbles. Rakhi collected 245 pebbles. How many pebbles did they collect together?



2. There were 435 students in a school. 267 students more joined them. How many students the school has now?



3. A train compartment is carrying 192 passengers. Another compartment is carrying 229 passengers. In all how many passengers are travelling in these two compartments?



4. A fruit seller sold 245 apples on the first day. He sold 379 apples on the second day. How many apples did he sell altogether?

