**08/06/2020 JESUS AND MARY SCHOOL AND COLLEGE MODULE-6**

**CLASS – 4 (MATHS)**

**CHAPTER- ADDITION**

**Definition-** The addition is taking two or more numbers and adding them together, that is, it is the

 total sum of two or more numbers.

***The symbol used to indicate Addition is + (plus symbol).***

We have already learnt about addition of 3- digit and 4- digit numbers.

* The numbers that are added are called addends.
* The result obtained after addition is called the sum.
* Numbers can be added in any order but their sum remains the same.

**Example:**

* Adding 0 to any number or any number to 0, the sum is the number itself.

**Example:**

* Adding 1 to any number gives its successor.

**Example:**

* The sum of addends is always greater than each of the addends (except when the addends are 0 or 1).
* Always start addition from the ones place and move to the tens and so on.
* When the number of digits in addends is different, keep in mind the place of each digit. Start writing the digits from ones place.

 **Example:**

 **Solution**- **T Th Th H T O**

 7 2 1 2 1

 5 2 1 1

 + 7 8 9

 7 8 1 2 1

* If three or more numbers are added together, the sum remains the same even if their grouping is changed.

 **Example:** . Also add,

 **Solution:**

**ESTIMATING SUM:** To find the estimated sum we first estimate (round off) the numbers and find

 the sum.

**For example**- Estimate the sum to the nearest 100.

**Actual Sum Estimated Sum**

 6 5 2 7 6 5 0 0

+ 2 1 2 1 + 2 1 0 0

 8 6 4 8 8 6 0 0

**Note: Please do all these sums in your copy. This will be checked when the school re-opens.**

**WORKSHEET-1**

**Q.1.** Fill in the blanks.

 **a)** The successor of the largest 5- digit number is \_\_\_\_\_. **b)** 1,000 more than is \_\_\_\_\_.

 **c)** The numbers which are being added are called the \_\_\_\_\_\_. **d)** \_\_\_\_\_\_.

**Q.2.** Add the following.

 **a) Th H T O b) L TTh Th H T O**

 3 2 1 7 3 2 0 1 3 5

+ 5 3 2 2 + 1 3 5 1 4 2

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q.3.** Find the sum.

 **a)** **b)**

 **c)** **d)**

**Q.4.** Arrange the columns and add.

 **a)**  **b)**

 **c)**  **d)**

**Q.5.** Estimate the following sum to the nearest 100.

 **a)**  **b)**

 **c)**  **d)**

**SOLUTION TO WORKSHEET-1 (Uploaded on 01/06/2020)**

**Answer-1**

 (a) 8 (b) 19 (c) 17 (d) 11

**Answer-2**

1. XXV (b) XVI (c) XXXVI (d) XXXVIII

**Answer-3**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Roman Numerals** | **Predecessor** | **Successor** |
| (a) | XVI (16) | XV | XVII |
| (b) | XXXI (31) | XXX | XXXII |
| (c) | XIX (19) | XVIII | XX |
| (d) | IX (9) | VIII | X |

**Answer-4**

 (a) XVIII (b) XXVI (c) XXXIV (d) VIII

**Answer-5**

 (a) 16 , XVI (b) 36 , XXXVI (c) 17 , XVII (d) 27 , XXVII

**Answer-6**

|  |  |
| --- | --- |
| **Numerals** | **Roman Numerals** |
| 16 | XVI |
| 17 | XVII |
| 18 | XVIII |
| 19 | XIX |
| 20 | XX |
| 21 | XXI |
| 22 | XXII |
| 23 | XXIII |
| 24 | XXIV |
| 25 | XXV |

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