

Girls' High School and College, Prayagraj

Worksheet -No.5

Session-(2020-21)

Class 4 (A-F)

Subject-Mathematics

Chapter 2

Addition

Instructions: Parents are expected to ensure that the child understands the topic and is able to solve the questions.

Properties of Addition

- 1) Addition means totaling of two or more numbers.
- 2) The plus sign (+) is used to denote an addition.
- 3) The two numbers that we add are called addends.
- 4) The result of addition is called sum.
- 5) Any number plus 0 is equal to the same number.

For example: $A + 0 = A$ Or $34,565 + 0 = 34,565$

- 6) Any number plus 1 is equal to its successor.

- 7) If we change the order of the number in addition the sum remains the same.

For example: $A + B = B + A$ Or $34,565 + 41,302 = 41,302 + 34,565$

- 8) We can change the groupings of the numbers while finding the sum.

For example: $(A + B) + C = A + (B + C)$

Or

$(23,455 + 21,674) + 32,760 = 23,455 + (21,674 + 32,760)$

While doing addition two important points that we need to remember are, we must place the numbers according to the place value of the digits and the number should be below each other.

Example 1:

	TH	H	T	O
	3	7	3	1
+	4	2	6	3
	7	9	9	4

Here, 3731 and 4263 are addends, and 7994 is the sum.

Addition of 5 and 6 digits

Steps in Addition:

- 1) Arrange the digits in columns of lakhs, ten thousands, thousands, hundreds, tens and ones according to their place value.
- 2) We write zero for a vacant place.
- 3) Now, add numbers in each column separately starting from the right hand side.

Example 1:

	L	TTh	TH	H	T	O
	2	5	5 ¹	3 ¹	7 ¹	8
+	4	3	2	7	2	6
	6	8	8	1	0	4

Example 2:

	L	TTh	TH	H	T	O
	3	4	5	2	6	4
+	5	3	1	6	1	4
	8	7	6	8	7	8

Exercise

1) Add the following:

a) TH H T O

	4	4	6	2
+	3	0	2	4

b) TH H T O

	5	2	7	8
+	4	1	2	4

c) TTh Th H T O

	3	2	5	1	2
+	3	4	4	2	3

d) TTh TH H T O

	3	4	6	8	4
+	6	2	8	5	8

$$\begin{array}{r} \text{e) } \text{TTh} \quad \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ \quad 5 \quad 8 \quad 7 \quad 5 \quad 3 \end{array}$$

$$+ \quad 3 \quad 2 \quad 5 \quad 8 \quad 7$$

$$\begin{array}{r} \text{f) } \text{L} \quad \text{TTh} \quad \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ \quad 4 \quad 3 \quad 4 \quad 6 \quad 6 \quad 1 \end{array}$$

$$+ \quad 3 \quad 1 \quad 4 \quad 0 \quad 2 \quad 5$$

$$\begin{array}{r} \text{g) } \text{L} \quad \text{TTh} \quad \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ \quad 5 \quad 4 \quad 3 \quad 2 \quad 1 \quad 0 \end{array}$$

$$+ \quad 1 \quad 4 \quad 5 \quad 6 \quad 8 \quad 2$$

$$\begin{array}{r} \text{h) } \text{L} \quad \text{TTh} \quad \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ \quad 5 \quad 5 \quad 8 \quad 7 \quad 5 \quad 3 \end{array}$$

$$+ \quad 2 \quad 3 \quad 2 \quad 5 \quad 8 \quad 7$$

$$\begin{array}{r} \text{i) } \text{L} \quad \text{TTh} \quad \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ \quad 6 \quad 5 \quad 7 \quad 7 \quad 5 \quad 0 \end{array}$$

$$+ \quad 2 \quad 3 \quad 8 \quad 4 \quad 1$$

$$\begin{array}{r} \text{j) } \text{L} \quad \text{TTh} \quad \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ \quad 7 \quad 5 \quad 4 \quad 2 \quad 2 \end{array}$$

$$+ \quad 3 \quad 3 \quad 5 \quad 6 \quad 2$$

2) Fill in the blanks:

1) $5760 + 0 = \underline{\hspace{2cm}}$

2) $3421 + 1176 = 1176 + \underline{\hspace{2cm}}$

3) $(4769 + 3489) + 2522 = \underline{\hspace{2cm}} + (3489 + \underline{\hspace{2cm}})$

4) $\underline{\hspace{2cm}} + 2728 = 2728$

5) $3093 + \underline{\hspace{2cm}} = 2742 + \underline{\hspace{2cm}}$

6) $(4574 + 6073) + 3565 = \underline{\hspace{2cm}} + (6073 + \underline{\hspace{2cm}})$

7) $37,825 + \underline{\hspace{2cm}} = 17,248 + \underline{\hspace{2cm}}$

8) $\underline{\hspace{2cm}} + 0 = 72,274$

9) $(19,552 + 32,758) + 6,552 = 19,552 + (\underline{\hspace{2cm}} + \underline{\hspace{2cm}})$

10) $8,16,952 + 0 = \underline{\hspace{2cm}}$

11) $45,667 + 1 = \underline{\hspace{2cm}}$

12) $\underline{\hspace{2cm}} + 4087 = 4088$

13) $0 + 2,32,155 + 0 = \underline{\hspace{2cm}}$

14) $6,666 + 0 = 0 + \underline{\hspace{2cm}}$

15) $A + B = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

_____ END _____