



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019

CLASS – III

ARITHMETIC ANSWER SHEET – 3

DATE – 09.04.2020

I. Write the following in Roman numerals.

1) 24 = XXIV

2) 17 = XVII

3) 50 = L

4) 100 = C

II. Convert the following into Hindu-Arabic numerals.

1) XXXV = 35

2) XIX = 19

3) XXVIII = 28

4) XXXIII = 33

III. Find the actual difference and the approximate difference in each case. (Here, round off the following numbers to the nearest 100.)

1) Subtract 370 from 512

2) Subtract 262 from 470

3) Subtract 478 from 786

4) Subtract 212 from 630

1) ACTUAL DIFFERENCE

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 4 \ 5 \ 1 \ 1 \ 2 \rightarrow \\ - 3 \ 7 \ 0 \rightarrow \\ \hline 1 \ 4 \ 2 \rightarrow \end{array}$$

Answer: 142

APPROXIMATE DIFFERENCE

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 5 \ 0 \ 0 \\ - 4 \ 0 \ 0 \\ \hline 1 \ 0 \ 0 \end{array}$$

Answer: 100

2) ACTUAL DIFFERENCE

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 4 \ 6 \ 7 \ 1 \ 0 \rightarrow \\ - 2 \ 6 \ 2 \rightarrow \\ \hline 2 \ 0 \ 8 \rightarrow \end{array}$$

Answer: 208

APPROXIMATE DIFFERENCE

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 5 \ 0 \ 0 \\ - 3 \ 0 \ 0 \\ \hline 2 \ 0 \ 0 \end{array}$$

Answer: 200

**3) ACTUAL DIFFERENCE**

$$\begin{array}{r}
 \text{H} \quad \text{T} \quad \text{O} \\
 \hline
 7 \quad 7 \quad 8 \quad 1 \quad 6 \quad \rightarrow \\
 - 4 \quad 7 \quad 8 \quad \rightarrow \\
 \hline
 3 \quad 0 \quad 8 \quad \rightarrow
 \end{array}$$

Answer: 308**APPROXIMATE DIFFERENCE**

$$\begin{array}{r}
 \text{H} \quad \text{T} \quad \text{O} \\
 \hline
 8 \quad 0 \quad 0 \\
 - 5 \quad 0 \quad 0 \\
 \hline
 3 \quad 0 \quad 0
 \end{array}$$

Answer: 300**4) ACTUAL DIFFERENCE**

$$\begin{array}{r}
 \text{H} \quad \text{T} \quad \text{O} \\
 \hline
 6 \quad 2 \quad 3 \quad 1 \quad 0 \quad \rightarrow \\
 - 2 \quad 1 \quad 2 \quad \rightarrow \\
 \hline
 4 \quad 1 \quad 8 \quad \rightarrow
 \end{array}$$

Answer: 418**APPROXIMATE DIFFERENCE**

$$\begin{array}{r}
 \text{H} \quad \text{T} \quad \text{O} \\
 \hline
 6 \quad 0 \quad 0 \\
 - 2 \quad 0 \quad 0 \\
 \hline
 4 \quad 0 \quad 0
 \end{array}$$

Answer: 400**IV. Counting by tens, complete the series.**1) 5218: 5228, 5238, 5248, 5258, 52682) 2720: 2730, 2740, 2750, 2760, 2770**V. Make five different numbers using the given digits.**1) 6, 8, 2, 4: 2468, 4682, 6842, 8246, 86422) 1, 3, 9, 5: 1359, 3951, 9513, 5139, 1593**VI. Write in columns and add or subtract.**

1) Subtract 1863 from 2764

$$\begin{array}{r}
 \text{TH} \quad \text{H} \quad \text{T} \quad \text{O} \\
 \hline
 1 \quad 2 \quad 1 \quad 7 \quad 6 \quad 4 \\
 - 1 \quad 8 \quad 6 \quad 3 \\
 \hline
 0 \quad 9 \quad 0 \quad 1
 \end{array}$$

Answer: 901

2) Add 4213, 1002 and 1112

	TH	H	T	O
	4	2	1	3
	1	0	0	2
+	1	1	1	2
	6	3	2	7

Answer: 6327

**VII. Expand and add.**

1) Add 2513 and 1414

	TH	H	T	O	
	2	5	1	3	→
+	1	4	1	4	→
	3	9	2	7	<-----

  

TH	H	T	O
2000	+ 500	+ 10	+ 3
1000	+ 400	+ 10	+ 4
3000	+ 900	+ 20	+ 7

Answer: 3927

**VIII. Word Problem**

1) There are 2461 men, 1624 women and 1461 children in a village. What is the population of the village?

	TH	H	T	O
	1	1		
Number of men .....	2	4	6	1
Number of women .....	1	6	2	4
Number of children .....	+ 1	4	6	1
The population of the village .....	5	5	4	6

Answer: The population of the village is 5,546.

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