



**I. Fill in the blanks.**

- 1)  $1482 + 1110 = 1110 + 1482 = 2592$
- 2)  $7210 - 2200 = 5010$
- 3)  $(240 + 460) + 524 = 524 + (460 + 240) = 1224$
- 4)  $1202 + 1426 = 1426 + 1202 = 2628$
- 5)  $480 - 160 = 320$

**II. Write the following in Roman numerals.**

- 1) 74 = LXXIV
- 2) 97 = XCVII
- 3) 62 = LXII
- 4) 59 = LIX
- 5) 562 = DLXII

**III. A) Find the actual difference and the approximate difference of the following numbers:  
(Here, round off the following numbers to the nearest 1000.)**

- 1) 2886 and 1664

**ACTUAL DIFFERENCE**

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

Answer: 1222

**APPROXIMATE DIFFERENCE**

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

Answer: 1000

- 2) 7890 and 7356

**ACTUAL DIFFERENCE**

$$\begin{array}{r} \text{TH} \quad \text{H} \quad \text{T} \quad \text{O} \\ 7 \quad 8 \quad 8 \quad 9 \quad 10 \quad \rightarrow \\ - 7 \quad 3 \quad 5 \quad 6 \quad \rightarrow \\ \hline 0 \quad 5 \quad 3 \quad 4 \quad \rightarrow \end{array}$$

Answer: 534

**APPROXIMATE DIFFERENCE**

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

Answer: 1000

**B) Find the actual sum and the approximate sum of the following numbers:  
(Here, round off the following numbers to the nearest 1000.)**

1) 4561 and 2410

$$\begin{array}{r}
 \text{ACTUAL SUM} \\
 \hline
 \text{TH H T O} \\
 \hline
 4 \ 5 \ 6 \ 1 \ \rightarrow \\
 + \ 2 \ 4 \ 1 \ 0 \ \rightarrow \\
 \hline
 6 \ 9 \ 7 \ 1 \ \rightarrow
 \end{array}$$

Answer: 6971

$$\begin{array}{r}
 \text{APPROXIMATE SUM} \\
 \hline
 \text{TH H T O} \\
 \hline
 5 \ 0 \ 0 \ 0 \\
 + \ 2 \ 0 \ 0 \ 0 \\
 \hline
 7 \ 0 \ 0 \ 0
 \end{array}$$

Answer: 7000

2) 4322 and 1122

$$\begin{array}{r}
 \text{ACTUAL SUM} \\
 \hline
 \text{TH H T O} \\
 \hline
 4 \ 3 \ 2 \ 2 \ \rightarrow \\
 + \ 1 \ 1 \ 2 \ 2 \ \rightarrow \\
 \hline
 5 \ 4 \ 4 \ 4 \ \rightarrow
 \end{array}$$

Answer: 5444

$$\begin{array}{r}
 \text{APPROXIMATE SUM} \\
 \hline
 \text{TH H T O} \\
 \hline
 4 \ 0 \ 0 \ 0 \\
 + \ 1 \ 0 \ 0 \ 0 \\
 \hline
 5 \ 0 \ 0 \ 0
 \end{array}$$

Answer: 5000

#### IV. Solve.

(Hint: When a sum has both addition and subtraction. First we add, then we subtract from the sum. You must show all the steps while solving the sum. Do not skip any of the steps.)

1)  $1862 - 2420 + 2122$

$$\begin{aligned}
 & 1862 - 2420 + 2122 \\
 & = 1862 + 2122 - 2420 \\
 & = 3984 - 2420 \\
 & = 1564
 \end{aligned}$$

Answer: 1564

2)  $1451 - 2341 + 1800$

$$\begin{aligned}
 & = 1451 - 2341 + 1800 \\
 & = 1451 + 1800 - 2341 \\
 & = 3251 - 2341 \\
 & = 0910
 \end{aligned}$$

Answer: 910

$$3) 1567 - 2789 + 1910$$

$$= 1567 - 2789 + 1910$$

$$= 1567 + 1910 - 2789$$

$$= 3477 - 2789$$

$$= 0688$$

Answer: 688

$$4) 1172 - 1351 + 1004$$

$$1172 - 1351 + 1004$$

$$= 1172 + 1004 - 1351$$

$$= 2176 - 1351$$

$$= 0825$$

Answer: 825

### V. Word Problem

- 1) There are 4450 books on literature and 1230 other books in a library. How many books are there in all?

TH H T O

$$\text{Number of books on literature.....} = \begin{array}{r} 4 \quad 4 \quad 5 \quad 0 \\ + \quad 1 \quad 2 \quad 3 \quad 0 \\ \hline 5 \quad 6 \quad 8 \quad 0 \end{array}$$

$$\text{Number of other books.....} =$$

$$\text{Total number of books.....} =$$

Answer: There are 5,680 books in all.

- 2) Adam's mobile has 6462 songs and Tina's mobile has 1226 songs. Whose mobile has more songs? How many more?

TH H T O

$$\text{Number of songs in Adam's mobile.....} = \begin{array}{r} 6 \quad 4 \quad 5 \quad 6 \quad 1 \quad 2 \\ - \quad 1 \quad 2 \quad 2 \quad 6 \\ \hline 5 \quad 2 \quad 3 \quad 6 \end{array}$$

$$\text{Number of songs in Tina's mobile.....} = -$$

$$\text{The difference between the number of songs.....} =$$

Answer: Adam's mobile has more songs.

Adam's mobile has 5,236 more songs.

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