I. Regroup and fill in the blanks.

1) 4 thousands 1 hundreds = _3_ thousands + 11 hundreds
2) 7 thousands 2 hundreds = 4 thousands + _32_ hundreds
3) 6 hundreds 6 tens 6 ones = 4 hundreds + _26_ tens+_6_ ones
4) 8 hundreds 2 tens 2 ones =_4_ hundreds + 42 tens+_2_ ones
5) 7 thousands 5 hundreds = _2_ thousands + 55 hundreds

II. Convert the following into Hindu-Arabic numerals.
1) LXIX = 69
2) XCIX= 99
3) LXXXIV=84
4) LXXVII= 77
5) LXIV= 64

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) 1242 and 2462

ACTUAL DIFFERENCE					APPROXIMATE DIFFERENCE			
TH	H	T	O		TH	H	T	O
2	4	6	2	→	2	0	0	0
-- 1	2	4	2	→	-- 1	0	0	0
1	2	2	0	→	1	0	0	0

     Answer: 1220   Answer: 1000

2) 1040 and 1684

ACTUAL DIFFERENCE					APPROXIMATE DIFFERENCE			
TH	H	T	O		TH	H	T	O
1	6	8	4	→	2	0	0	0
-- 1	0	4	0	→	-- 1	0	0	0
0	6	4	4	→	1	0	0	0

     Answer: 644   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)   1041 and 2426

ACTUAL SUM	APPROXIMATE SUM

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

Answer: 3467   Answer: 3000

2) 1602 and 1220

ACTUAL SUM	APPROXIMATE SUM

TH	H	T	O			TH	H	T	O	
	1	6	0	2	→		2	0	0	0
+	1	2	2	0	→	+ 1	0	0	0	
	2	8	2	2	→		3	0	0	0

Answer: 2822   Answer: 3000

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)1240 – 2210 + 1622

   1240 – 2210 + 1622
= 1240 + 1622 – 2210
= 2862 – 2210
= 0652
Answer: 652

2)1632 – 2214 +1162

   1632 – 2214 +1162
= 1632 + 1162 – 2214
= 2794 – 2214
= 0580
Answer: 580

V. Word Problem

1) Jason travelled 4641 km by train and 2140 km by car. How much distance did he travel in all?

	TH	H	T	O
Distance travelled by train................................=	4	6	4	1
Distance travelled by car..................................= +	2	1	4	0
The total distance travelled..............................=	6	7	8	1

Answer: Jason travelled 6,781 km in all.

2) There are 4152 people in a colony. 2122 are males and 1024 are females. How many children are there?

	TH	H	T	O
Number of males..=	2	1	2	2
Number of females...= +	1	0	2	4
Number of males and females together ....=	3	1	4	6

	TH	H	T	O
The total number of people..=	4	1 4	5 1	2
Number of males and females together ....= --	3	1	4	6
Number of children..=	1	0	0	6

Answer: There are 1,006 children.

3) The total number of pencils in three boxes is 4200. There are 1100 pencils in box number 1 and there are 1002 pencils in box number 2, find out how many pencils are there in box number 3?

	TH	H	T	O
Number of pencils in box number 1...................................=	1	1	0	0
Number of pencils in box number 2...................................= +	1	0	0	2
The total number of pencils in box number 1 and box number 2........=	2	1	0	2

	TH	H	T	O
The total number of pencils in three boxes...........................=	4 1	2	9 1 0	1 0
The total number of pencils in box number 1 and box number 2.........= --	2	1	0	2
Number of pencils in box number 3....................................=	2	0	9	8

Answer: There are 2,098 pencils in box number 3.

4) Out of 6260 passengers, 4140 passengers travelled in AC coaches. How many passengers travelled in non-AC coaches?

	TH	H	T	O
Total number of passengers...=	6	2	6	0
Number of passengers travelled in AC coaches..................................= --	4	1	4	0
Number of passengers travelled in non-AC coaches...........................=	2	1	2	0

Answer: 2,120 passengers travelled in non-AC coaches.

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