

22/4/24.

Ex 1F

I Round the following to the nearest ten

a. 7246 $\rightarrow$ 7250 b. 20,193 $\rightarrow$ 20190

c. 38,097 $\rightarrow$ 38,100 d. 468295 $\rightarrow$ 468300

II Round the following to the nearest hundred

a. 5386 $\rightarrow$ 5400 b. 20416 $\rightarrow$ 20400

c. 180,950 $\rightarrow$ 181,000 d. 262913 $\rightarrow$ 263,000

III Round the following to the nearest thousand

a. 3517 $\rightarrow$ 4000 b. 406500 $\rightarrow$ 407,000

c. 6,09487 $\rightarrow$ 6,09,000 d. 39,99,610 $\rightarrow$ 39,00,000

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b. 7,06,052 → seven lakh & six thousand fifty two

L	TH	T	
7,00,000	6,000	50	0
			2

c. 12,30,045 → twelve lakh thirty thousand ^{forty} five

L	TH	T	
12,00,000	30,000	40	0
			5

d. 39,00,010 → thirty nine lakh and ten

L	T
39,00,000	10

III Write the predecessors of the following.

a. $3, 71, 642 - 1$ $3, 71, 641$

b. $72, 60, 831 - 1$ $71, 59, 830$

c. $9, 70, 020 - 1$ $9, 70, 019$

d. $26, 16, 010 - 1$ $25, 15, 009$

IV Write the successors of the following.

a. $1, 63, 456 + 1$ $1, 63, 457$

b. $72, 60, 831 + 1$ $73, 61, 832$

c. $3, 30, 409 + 1$ $3, 30, 410$

d. $61, 40, 999 + 1$ $62, 41, 000$

I

Scale

$2, 50, 196$



$12, 50, 195$

$9, 15, 110$



$8, 15, 111$

$78, 19, 758$



$78, 20, 758$

$29, 93, 603$



$29, 93, 504$

Roman Numerals

Symbol	I	V	X	L	C
Value (Hindu - Arabic Numerals)	1	5	10	50	100

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Ex 1 G

I write the following Roman Numerals in Hindu - Arabic numeral.

a. $XX - 10 + 10 = 20$

b. $CLX - 100 + 50 + 10 = 160$

c. $XL - 100 [L + X] = 50 - 10 = 40$ ✓

d. $CXL - 100 + (50 - 10) = 140$

e. $CLXIV - CLX + IV = 100 + 50 + 10 + 4 = 164$

f. $DCXIII - 500 + 100 + 10 + 3 = 613$ ✓

g. $CXLIIX = CXL + IX = 140 + 9 = 149$

II Arrange the following in ascending order.

a. 41,30,725 ; 51,30,724 ; 6,13,028 ; 61,30,720
→ 6,13,028 ; 41,30,725 ; 51,30,724 ; 61,30,720

b. 27,48,013 ; 2,74,819 ; 47,48,014 ; 27,47,016
→ 2,74,819 ; 27,47,016 ; 27,48,013 ; 47,48,014

c. 9,42,128 ; 84,25,125 ; 74,25,127 ; 84,25,121
→ 9,42,128 ; 74,25,127 ; 84,25,121 ; 84,25,125

d. 39,17,045 ; 4,91,047 ; 39,17,054 ; 4,91,038
→ 4,91,038 ; 4,91,047 ; 39,17,045 ; 39,17,054

III Arrange the following in descending order

a. 62,30,725 ; 52,30,724 ; 6,23,028 ; 72,30,720
→ 72,30,720 ; 62,30,725 ; 52,30,724 ; 6,23,028

b. 50,78,013 ; 5,07,819 ; 50,78,014 ; 50,77,016
→ 50,78,014 ; 50,78,013 ; 50,77,016 ; 5,07,819

c. 39,26,128 ; 39,25,215 ; 39,25,217 ; 39,25,121
→ 39,26,128 ; 39,25,217 ; 39,25,215 ; 39,25,121

h. $MMXVII - 1000 + 1000 + 10 + 5 + 2 = 2017$

M 1000
Q2. Write the following Hindu-Arabic numerals in Roman numerals.

a. $252 = 200 + 50 + 2 = CCLII$

b. $887 = 800 + 80 + 7 =$

$= (500 + 300) + (50 + 30) + 7$
 $= DCCCLXXVII$

c. $527 = 500 + 20 + 7$

$= DXXVII$

d. $1720 = 1000 + 500 + 100 + 100 + 20$

$= MDCCXX$

e. $2700 = 1000 + 1000 + 500 + 100 + 100$

$= MMDC$

Ex 1D

I Write the following in their expanded forms.

a. $2,74,869 \rightarrow 2,00,000 + 70,000 + 4,000 + 800 + 60 + 9$

b. $3,01,952 \rightarrow 3,00,000 + 1000 + 900 + 50 + 2$

c. $59,20,618 \rightarrow 50,00,000 + 90,000 + 20,000 + 600 + 10 + 8$

d. $60,41,603 \rightarrow 60,00,000 + 40,000 + 1000 + 600 + 3$

II Write following in their standard forms.

a. $4,00,000 + 50,000 + 600 + 50 + 3 \rightarrow 4,50,653$

b. $60,00,000 + 80,000 + 8000 + 800 + 7 \rightarrow 60,68,08,807$

c. $20,00,000 + 6,00,000 + 600 + 3 \rightarrow 26,00,603$

d. $8,00,000 + 70,000 + 8000 + 900 + 90 \rightarrow 8,78,990$

3. Write the numerals for the following

a. Thirteen lakh ninety-two thousand four hundred thirty-eight

— 13,92,438

b. Eight million one hundred thirty five thousand six hundred thirteen

— 8,135,613

c. Seven million fifteen thousand sixty four

— 7,015,064

International N.S - 16,089,645

six million ~~six~~ eighty
thousand six hundred and four

2 2790862

Indian N.S - 1 27,90,862

Twenty seven lakh ninety three
eight hundred sixty two

International N.S - 1 2,790,862.

two million seven hundred
ninety thousand eight hundred
and sixty two