

## Mathematics Class v

Note down the following numerals in your note book.

### Chapter 3: International Number System

#### Exercise -3.1

2. Write each of the following numerals in International system and write their number names.

c) 6763842

6 763 842: Six million seven hundred sixty three thousand eight hundred forty two.

d) 84848484

84 848 484: Eighty four million eight hundred forty eight thousand four hundred eighty four.

g) 84824537

84 824 537: Eighty four million eight hundred twenty four thousand five hundred thirty seven.

h) 376245184

376 245 184: Three hundred seventy six million two hundred forty five thousand one hundred eighty four.

3. Write the numeral for each of the following using international system of numeration.

e) Three hundred seventy two million, two hundred forty five thousand nine hundred twenty eight.

f) Three hundred million, nine

g) Thirty six million four hundred sixty thousand five hundred.

S. no.	Millions			Thousands			Ones			Numerals
	HM	TM	M	HTh	TTh	Th	H	T	O	
e.	3	7	2	2	4	5	9	2	8	372 245 928
f.	3	0	0	0	0	0	0	0	9	300 000 009
g.		3	6	4	6	0	5	0	0	36 460 500

4. Write the following numbers in Indian system and International system. Write their number names:

e) 517567845

Indian system:

51 75 67 845 – Fifty one crore seventy five lakh sixty seven thousand eight hundred forty five.

International system:

517 567 845: Five hundred seventeen million five hundred sixty seven thousand eight hundred forty five.

**5. Use the digits 1, 3, 4, 8, 7, 9, 0, and 6 to write number in both the systems:**

a. the largest possible number      b. the smallest possible number

Ans: a. 98764310

Indian system- 9, 87, 64, 310

Nine crore eighty seven lakh sixty four thousand three hundred ten.

International system- 98, 764, 310

Ninety eight million seven hundred sixty four thousand three hundred ten.

b) 10346789

Indian system – 1, 03, 46, 789

One crore three lakh forty six thousand seven hundred eighty nine.

International system-10, 346, 789

Ten million three hundred forty six thousand seven hundred eighty nine.

**Assignment.** (Solve in your note book)

**Exercise – 3.1**

2) b, f      4) c, d

## Roman numerals.

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### Exercise -4.1

(Note down the following in your note book)

**1) Write the Roman symbols for the following.**

b) 4 = 5 - 1 = IV      f) 40 = 50 - 10 = XL      j) 415 = (500 - 100) + 10 + 5 = CDXV      n) 1001 = 1000 + 1 = MI

**2. Write the Hindu Arabic numerals for the following:**

b) CCCV=100+100+100+5=305

f) CCV= 100+100+5=205

j) MMC =1000+1000+100= 2100

n) XXIX= 10+10+9 = 29

**5) Write the Hindu Arabic numerals for the following.**

e) MMCCCXIV=M+ M+ C+ C+C+X+IV= 1000+ 1000+ 100+ 100+100+ 10+ 4=2314.

f) CMLIX= CM+ L+ IX= (1000-100) + 50+ 9= 959.

g) MCMV= M+ CM+ V= 1000+ (1000-100) + 5=1000+ 900+ 5= 1905.

h) DCCXLVIII= D+ C+ C+ XL+ VIII= 500+ 100+ 100+ (50-10) + 8= 748.

**6. Write the Roman numerals for the following.**

e) 1483= 1000+ 400+ 80+ 3= 1000+ (500-100)+50+ 10+10+10+ 3= MCDLXXXIII.

f) 2850= 1000+ 1000+ 800+ 50= 1000+1000+500+100+100+100+50= MMDCCCL.

g) 1942= 1000+ 900+ 40+ 2= 1000+(1000-100)+(50-10)+2= MCMXLII.

**7. Write the value first in Hindu-Arabic and give the answer in Roman numerals:**

d) DCL+ MDC= (500+ 100+ 50)+(1000+500+100)= 650+ 1600=2250= 1000+ 1000+100+100+50=MMCCCL.

e) MCMXLIV- CXLVII=(1000+900+40+4)-(100+40+7)=1944- 147=1797=1000+700+90+7  
=1000+(500+100+100)+(100-10)+7=MDCCXCVII.

f) MCMXL+ LXIV= (1000+ 900+40)+ (50+10+4)=1940+ 64= 2004=1000+1000+4=MMIV.

**8) Write the Hindu Arabic numeral.**

b)  $\overline{\text{X}}\text{DCIX}=(10 \times 1000)+500+100+9= 10000+500+100+9=10609.$

c)  $\overline{\text{X}}\text{TCMXCIX}=( 11 \times 1000) +900+90+9=11000+900+90+9=11999.$

10.ans: M, D, C, L, X, V, I.

**Assignment :**( Solve in your note book).

**Exercise :4.1** 5) b, c 6) b, c 7) b, c.

