

Let us Do 1-1

Q No 1 Write following in words

- a) 3062 → Three thousand sixty two.
 b) 9851 → Nine thousand eight hundred fifty one.
 c) 25163 → Twenty five thousand one hundred sixty three.
 d) 90503 → Ninety thousand five hundred three.

2) Write the following numbers in figures:

- a) Six thousand Sixty → 6,060
 b) Seven thousand five hundred five → 7,505
 c) fifteen thousand seven hundred six → 15,706
 d) Ninety three thousand twenty one → 93,021

3) Compare the numbers and put $>$, $=$ or $<$ in box

- a) 4325 6751 b) 3451 2305
 c) 3157 3240 d) 8532 7160
 e) 43410 13453 f) 109 1095
 g) 1025 1024 ch) 1203 44317

4) Arrange the following numbers in ascending order:-

- a) 57190, 10957, 19570, 1075
 Ans 1075, 10957, 19570, 57190
 b) 28934, 43928, 34829, 89243
 Ans 28934, 34829, 43928, 89243

5) Arrange the following in descending order.

a) 3246, 3426, 46032, 3624
Ans 46032, 3624, 3426, 3246

b) 51768, 57168, 56178, 56187
Ans 57168, 56187, 56178, 51768

6) Write greatest and smallest number in each collection

a) 8142, 4821, 8421, 8241
Ans greatest 8421
Smallest 4821

b) 6003, 3006, 3600, 10036
greatest 10036
Smallest 3006

7) Write successor and predecessor of:-

a) 125

Successor \rightarrow 126
Predecessor \rightarrow 124

b) 1095

Successor - 1096
Predecessor - 1094

H.W

Rest parts of Q.No 1 to 7 of Ex 1.1 [Do by Yourself]

Let us Do 1-2

B-1 Write all possible 3 digit numbers using 7, 3, 4 (Only once) and then arrange them in ascending order.

Ans 734, 743, 347, 374, 473, 437

Ascending order 347, 374, 437, 473, 734, 743

Q-2 Same as QNO-1 Do by your self

3 Use given digits without repetition and make the greatest and smallest 4 digit numbers.

a) 4, 7, 3, 2

(c) 9, 5, 6, 1

Ans greatest - 7432
Smallest - 2347

Ans) greatest 9561
Smallest 1569

e) 5, 0, 2, 1

(g) 0, 7, 1, 9

Ans) greatest 5210
Smallest 1025

Ans) Smallest 1079
greatest 9710

4 Make greatest and smallest 4 digit numbers using any one digit twice.

a) 5, 6, 2

d) 9, 8, 0

Ans) greatest 6652
Smallest 2256

Ans) greatest 9980
Smallest 8009

5) Write the greatest and smallest 5 digit numbers using all of the following digits you may repeat the digits

a) 7, 5, 2, 8

Ans) greatest 88752

Smallest 22578

b) 4, 0, 1, 8
Ans greatest 88410
Smallest 10048

c) 9, 3, 7, 4
greatest 99743
Smallest 33479

6) Make greatest and smallest 4 digit numbers using any four different digits with given condition

a) 2 is always in ones place

Ans greatest \rightarrow 9872
Smallest \rightarrow 1032

b) 5 is always in ones place

f Ans greatest - 9875
Smallest - 1025

c) 0 is always in tens place

Ans greatest - 9807
Smallest - 1203

d) 9 is always in tens place

greatest - 8796
Smallest 1092

7) Write the smallest 4 digit number using

a) only one digit

Ans 1111

b) different digits

1023

8) Write greatest 5 digit number using

a) two different digits

99998

b) different digits

98765

9) Arrange 5 digit numbers made by digits 0, 0, 0, 1, 1 in ascending order

16001, 10010, 10100, 11000

HW
Parts of 0110 - 3, 4, 5, 6 part copy
by yourself

let us do 1-3

Q No 8 Make a place value chart with nine places. Enter in it the digits of numbers given below:

- (a) 64,726 (b) 1,49,206 (c) 5,60,123 (d) 8,00,003
 (e) 12,57,183 (f) 70,10,883

Periods →	Crores		Lakhs		Thousands		ones		
	Tc	C	Tl	L	T-Th	Th	H	T	O
a) 64,726					6	4	7	2	6
b) 1,49,206				1	4	9	2	0	6
c) 5,60,123				5	6	0	1	2	3
d) 8,00,003				8	0	0	0	0	3
e) 12,57,183			1	2	5	7	1	8	3
f) 70,10,883			7	0	1	0	8	0	3

2) Insert commas suitably and write the names according to Indian system of numeration

(a) 476394

Ans 475,394

four lakh seventy six thousand three hundred ninety four

b) 903075

Ans 9,03,075

Nine lakh three thousand seventy five.

c) 874200

Eight lakh seventy four thousand two hundred.

d) 6839201

Ans 68,39,201

sixty eight lakh thirty nine thousand two hundred one

③ Place commas correctly and write the numbers in figures

a) five lakh eight hundred twelve

Ans 5,00,812

b) five lakh one

Ans 5,00,001

c) Twelve lakh seven thousand eight hundred two

Ans 12,07,802

d) eighty-five lakh six thousand nine

85,06,009

e) Nine crore five hundred four

9,00,00,504

H.W

Remaining parts of QNo-B1, B2, and B3

Let us Do 1-4

B1 Write face value of :-

(a) 1 in 25,103

(b) 7 in 75,124

(c) 8 in 859,436

Ans 7

Ans - 8

Ans 1

2. Find the Place value of :-

a) 3 in 25,134

└─ 30

(c) 6 in 6,43,521

Ans 6,43,521

└──────────────── 6,00,000

b) 5 in 6,19,520

6,19,520

└────────── 500

(d) 0 in 3,49,026

Ans 3,49,026

└──────── 000

Ans

3. Find the place value of 6 in each of following numbers

(a) 6,00,087

(b) 2,85,936

Ans 6,00,087
└──────────────── 6,00,000

Ans └─ 6

(c) 2,65,401

(d) 6,00,008

Ans 2,65,401
└────────── 60,000

Ans └────────── 6,00,000

4. Choose the numbers in which the place value of 4 is 4000

(a) 74,66,290

(b) 19,24,300

(c) 5,56,004

(d) 7,64,000

(e) 12,95,624

(f) 1,70,46,521

Ans (b) 19,24,300 (d) 7,64,000

5. Find the sum of the place value of 5 in

(a) 4,25,125

(b) 5,41,652

Ans 4,25,125
└─── 5
└────────── 5000
5000 + 5 = 5005

5,41,652
└─── 50
└────────── 5,00,000

5,00,000 + 50 = 5,00,050

⑥ In each of the following numbers write the digit which has greatest place value

(a) 9, 75, 731

(b) 2 9, 85, 016

Ans. 2

Ans 9

⑦ Write the following in expanded form

(a) 7, 39, 124

$700000 + 30000 + 9000 + 100 + 20 + 4$

(b) 53, 62, 115

$5000000 + 500000 + 60000 + 2000 + 100 + 10 + 5$

Ans

⑧ Write the following in short form

(a)

$4000,000 + 39,000 + 5000 + 300 + 40 + 7$

Ans

4035397

(b)

$800,000 + 6000 + 100 + 5$
806105

⑨ Compare each of following numbers

(a)

3,57,412 and 15,41,378

Ans

$3,57,412 < 15,41,378$

(b)

87,59,438 and 8,75,398

$87,59,438 > 8,75,398$

⑩

Find greatest and smallest number in group

(a)

25,78,310, 52,79,301, 61,98,251, 1,69,85,210

Greatest \rightarrow 1,69,85,210

Smallest \rightarrow 25,78,310

11 Arrange the following numbers in ascending and descending order

a) 1,35,476, 2,98,00,954, 8,51,24,719, 18,95,41,372
 A → 135476, 2,98,00,954, 85124719, 189541372
 D → 18,95,41,372, 8,51,24,719, 2,98,00,954, 1,35,476

12 Write the difference between the place value and face value of 8 at ninth place from right a number

Ans Number → 876543210
 $\underline{\hspace{15em}} \text{ 80,00,00,000}$

Face value of 8 is 8

difference $80,00,00,000 - 8 = 79,99,99,992$

H-w Remaining parts of QNo-B 1 to 12 in copy

Let us do 1.5

B-1 Fill ups

- a) 1 million = 10 Lakh
- b) 10 million = 1 crore
- c) 100 thousands = 1 Lakh
- d) 10 Crores = 100 millions.
- e) 100 lakhs = 10 millions
- f) 10 crore = 100 millions
- g) 5 crores = 50 millions
- h) 50 lakh = 5 millions

2) Insert commas suitably and write the names according to International System.

a) 4821716

Ans 48,21,716

four million three hundred twenty one thousand seven hundred sixteen

b) 5030469

Ans 5,03,0469

five million thirty thousand four hundred sixty nine

c) 2514000

Ans two million five hundred fourteen thousand

d) 1800004

Ans one million eight hundred thousand four

(2) 251090357

251,090,357

Two hundred fifty one million ninety thousand three hundred fifty seven

3) write the following numbers in figures

a) Three hundred fifty four thousand seven hundred twenty

Ans 354,720

b) four million, six hundred thousand, two hundred three

4,600,203

c) Nine million eighty four

9,000,084

③ Rewrite the following numbers using International place value system

a) Twenty lakh, five thousand two hundred nineteen

Ans $20,05,219 \rightarrow 20,05,219$

International system Two million five thousand two hundred nineteen

b) Four crore twenty six lakh one thousand twenty four

Ans $4,26,01,024$

International system $42,601,024$

Forty two million six hundred one thousand twenty four

⑤ Rewrite the following using the Indian place system.

a) Four hundred five thousand six hundred ten

Ans $405,610$

Indian system $4,05,610$

Four lakh five thousand six hundred ten

b) Two million five hundred six thousand three hundred fifteen

Ans $2,506,315$

Indian system $25,06,315$

Twenty five lakh six thousand three hundred fifteen

⑥ World population at a particular time was

$7,11,36,02,566$

Can you write it in words in the International system?

Ans Yes.

Seven billion one hundred thirteen million six hundred two thousand five hundred sixty six.

Let us do 1.6

B Answer the following :

① How many centimetres are there in 1 km?

Ans 1,00,000

② How many millimetres are there in 8 km?

Ans 80,00,000

③ How many metres are there in 92 km?

Ans 92,000

④ How many milligrams are there in 6 kg?

Ans 60,00,000

⑤ How many millilitres are there in 45 L?

Ans 45,000

Q No 6 A Poultry farm produced 18,52,640, 19,25,439 and 20,05,419 eggs in three consecutive years. Find total numbers of eggs produced in the farm

Ans

No of eggs produced in first year -	18,52,640
" " " " " 2nd year -	19,25,439
" " " " " 3rd year -	+20,05,419
Total eggs produced -	<u>57,83,498</u>

Q No 8 Three years ago the population of town was 35,02,914. Now the population is 48,57,346. What is the increase in population during last three years?

Ans

Present population -	48,57,346
Three years ago population -	<u>35,02,914</u>
Increased population	<u>13,54,432</u>

Q.10 The population of a city is 2,09,32,714 out of these 90,47,314 are men 84,35,784 are women and rest are children. Find the number of children in the city

Sol

$$\begin{array}{r} \text{No of men} = 90,47,314 \\ \text{No of women} = 84,35,784 \\ \hline \text{Total men \& women} = 1,74,83,098 \end{array}$$

$$\begin{array}{r} \text{Total population} = 2,09,32,714 \\ \text{No of men \& women} = 1,74,83,098 \\ \hline \text{No of children} = 0,34,49,616 \end{array}$$

Q.11 A farmer produced 1397 quintals of rice. He sold it at the rate of ₹856 per quintal. How much money did he get?

$$\begin{aligned} \text{Cost of 1 quintal of rice} &= ₹856 \\ \text{" " 1397 " " " " } &= 1397 \times 856 \\ &= ₹11,95,832 \end{aligned}$$

$$\begin{array}{r} 1397 \\ \times 856 \\ \hline 8382 \\ 6985 \times \\ 11176 \times \times \\ \hline 11,95,832 \end{array}$$

13 The cost of 135 shirts is ₹ 42,930. Find the cost of 1 shirt

Sol Cost of 135 shirts = ₹ 42,930
" " " " " = ₹ 42,930 ÷ 135

$$\begin{array}{r} 135 \overline{) 42930} \quad (318 \\ \underline{405} \\ 243 \\ \underline{135} \\ 1080 \\ \underline{1080} \\ X \end{array}$$

Cost of 1 shirt = ₹ 318

H.W QNo- 7, 9, 12, 14, 15, 16 solve in H.W.

Let us do 1.7

Q1 Round off to nearest tens

- | | Ans |
|--------|-----|
| (a) 8 | 10 |
| (b) 73 | 70 |
| (c) 35 | 40 |
| (d) 72 | 70 |

Q2 Round off to nearest hundred

- | | Ans |
|--------|-----|
| (a) 53 | 100 |
| b) 246 | 200 |
| c) 263 | 300 |
| d) 470 | 500 |
| e) 794 | 800 |

3 Round off to nearest thousands.

	Answer
a) 610	1000
b) 970	1000
c) 3501	4000
d) 3419	3000
e) 5702	6000

5) Round off 731 and 164 to the nearest tens. Find the difference to the round off numbers. Round off the difference to the nearest hundreds.

Sol

$$731 \rightarrow 730$$
$$164 \rightarrow 160$$

$$\text{difference } 730 - 160 = 570$$

$$570 \rightarrow 600.$$

7 A 2 digit number was rounded off to the nearest tens and result was 60. Find the interval of the original numbers

55 to 64 are the numbers

8 A 4 digit number was rounded off to the nearest tens and the result was 4,760. Find the interval of the original number.

4755 to 4764

How parts of 1, 2, 3 and 4, 6, 8, and 10

Let us Do 1st

1 Estimate and solve to nearest tens

a) $23 + 56$

$$\begin{array}{r} 23 \rightarrow 20 \\ + 56 \rightarrow + 60 \\ \hline 80 \end{array}$$

b) $95 \div 9$

$$95 \rightarrow 100$$

$$9 \rightarrow 10$$

$$100 \div 10 = 10$$

2 Estimate and solve to nearest hundreds

a) $319 + 278$

$$319 \rightarrow 300$$

$$\begin{array}{r} 278 \rightarrow + 300 \\ \hline 600 \end{array}$$

b) $823 \div 199$

$$823 \rightarrow 800$$

$$199 \rightarrow 200$$

$$800 \div 200 = 4$$

3) Estimate and solve nearest thousands

a) ~~5683~~

$$5683 + 2146$$

$$5683 \rightarrow 6000$$

$$\begin{array}{r} 2146 \rightarrow + 2000 \\ \hline 8000 \end{array}$$

b) $9146 \div 2915$

$$9146 \rightarrow 9000$$

$$2915 \rightarrow 3000$$

$$9000 \div 3000 = 3$$

4) Estimate the product to nearest hundreds

a) 14×27

$$\begin{array}{r}
 37 \\
 \times 14 \\
 \hline
 148 \\
 370 \\
 \hline
 418 \rightarrow 400
 \end{array}$$

(b) 78×23

$$\begin{array}{r}
 78 \\
 \times 23 \\
 \hline
 234 \\
 1560 \\
 \hline
 1794 \rightarrow 1800
 \end{array}$$

How Parts of 0, 1, 2, 3 & 4

Ex - 1-9

B1 Write Roman numerals for each of following Hindu-Arabic numerals

- a) 11 - ^{Ans} XI
- b) 14 -> XIV
- c) 16 -> XVI
- d) 21 -> XXI

- e) 27 - ^{Ans} XXVII
- f) 36 - XXXVI
- g) 42 - XLII
- h) 59 - LIX

2) Write Hindu Arabic numerals for each of following Roman numerals

- a) IX - ^{Ans} 9
- b) XV - 15
- c) XXVII - 27
- d) XXXIV - 34

- e) XL - ^{Ans} 40
- f) XLIII - 43
- g) LXIX - 69
- h) LXXI - 71

3) Insert >, = or < in the boxes

- a) XVI 14
- b) XXIV 36
- c) XXIX 39

- (d) XLIX 69
- e) XC 30
- f) LXXXII 72

Which of following are meaning less
 XIII (b) XIX (c) XVV (d) XL (e) XXXX (f) XL

a, c, e and f are meaning less.

Find CXVI + XIII + VI + CCLXIV

CXVI	→	106	
XIII	→	13	
VI		6	
CCLXIV		+265	
		490	→ CD

H-w parts of 0 No 1 to 4, 0 No - 5