

DON BOSCO SCHOOL, KOKAR

ANSWERS

CLASS 5

Subject - MATHS

Chapter 1- Numbers And Numeration

Exercise – 1

1.a. 10000

b. 999999

2. Write the numbers:

a) 23,110

b) 50,544

c) 68,305

d) 79,797

e) 1,38,400

f) 4,57,708

3. Write the number names:

a) Twenty-seven thousand five hundred thirty eight

b) Seven lakh nine thousand one hundred twenty three

c) Eight thousand six hundred seventy eight

d) Three lakh twenty five thousand one hundred seventy three

e) Fifty four thousand five

f) Forty three thousand seven hundred forty five

4. Write the expanded form:

a) $40,000 + 3,000 + 300 + 40 + 5$

b) $60,000 + 7,000 + 100 + 90 + 3$

c) $1,00,000 + 20,000 + 5,000 + 300 + 10 + 7$

d) $30,000 + 3,000 + 400 + 50 + 3$

e) $70,000 + 800 + 200 + 90$

f) $5,00,000 + 40,000 + 3,000 + 100 + 70 + 9$

5. Use the correct sign $<$, $>$ or $=$:

- a) $>$
- b) $=$
- c) $<$
- d) $>$
- e) $>$
- f) $>$

6. Write four numbers after:

- a) 3,13,473: 3,13,474: 3,13,475: 3,13,476
- b) 63,176: 63,177: 63,178: 63,179
- c) 17,291: 17,292: 17,293: 17,294
- d) 38,898: 38,899: 38,900: 38,901

7. Write the place value of the coloured digit in each of the following numbers:

- a) 70,000
- b) 90
- c) 1,00,000
- d) 9,000
- e) 600
- f) 5

8. Rewrite the following numbers in ascending order:

- a) 37,293: 37,923: 73,293: 73,923
- b) 1,23,456: 1,23,546: 1,23,564: 1,32,456

9. Rewrite the following numbers in descending order:

- a) 47,731: 43,137: 34,371: 34,173
- b) 5, 64,209: 5, 46,290: 5,46,209: 5,46,029

10. Greatest -9, 64, 210 and Smallest- 1,02,469

11. Fill in the boxes:

- a)100
- b)100
- c)1000
- d)10

Exercise-2

1. Write each of the following numbers in words:
 - a) Four lakh eighty three thousand seven hundred forty five
 - b) Twelve lakh thirty six thousand three hundred fifty six
 - c) Thirty eight lakh fifty six thousand nine hundred eighty nine
 - d) Two crore twenty five lakh thirty seven thousand one hundred eighty eight
 - e) Five crore sixty seven lakh thirty three thousand eight hundred eighty eight
 - f) Fifty three crore forty nine lakh thirty eight thousand one hundred twenty five

2. Write each of the following numbers in words:
 - a) Two million eight hundred ninety six thousand four hundred fifty
 - b) Five million three hundred thousand six hundred forty nine
 - c) Forty million five hundred thousand one hundred seventy nine
 - d) Ninety eight million two hundred fifty six thousand one hundred eighty eight
 - e) One hundred twenty- three million four hundred fifty three thousand five hundred thirty six
 - f) Two hundred fifty six million five hundred forty five thousand one hundred ninety eight

3. Write the following in figures:
 - a) 2,743,149
 - b) 7,05,47,505
 - c) 56,55,54,532
 - d) 22,240,783
 - e) 71,86,47,105
 - f) 105,004,999

4. Rewrite the following numbers in Indian system:
 - a) 38,91,402
 - b) 4,21,87,005
 - c) 6,72,10,200
 - d) 70,00,274
 - e) 14,95,31,030
 - f) 9,79,99,897

5. Rewrite the following numbers in International system:
 - a) 812,415
 - b) 1,503,469
 - c) 7,347,149
 - d) 8,573,111

e) 111,223,345

f) 192,343,560

6. Greatest 9-digit number = 99,99,99,999

= *Ninety-nine crore ninety-nine lakh ninety-nine thousand nine hundred ninety-nine*

7. 38,471,296

Exercise-3

1. Find the place value of:

a) 30,000

b) 40,00,000

c) 6,00,00,000

d) 0

e) 7,00,000

f) 5,000

2. Place value of 8 in 5,73,28,128 = 8000 and 8

$$\text{difference} = 8000 - 8 = 7992$$

3. Place value of 9 in 10,29,929 = 9000, 900 and 9

$$\text{Sum} = 9000 + 900 + 9$$

$$= 9,909$$

4. Place value of 7 in 33,15,703 = 700

Face value of 7 in 33,15,703 = 7

$$\text{Product} = 700 \times 7 = 4900.$$

5. Write the expanded form of each of the following numbers:

a) $70,00,000 + 5,00,000 + 50,000 + 6,000 + 60 + 3$

b) $30,00,000 + 5,00,000 + 80,000 + 2,000 + 100 + 80 + 9$

c) $10,00,00,000 + 2,00,00,000 + 30,00,000 + 5,00,000 + 10,000 + 7,000 + 900 + 80 + 9$

d) $80,00,000 + 1,00,000 + 10,000 + 2,000 + 600 + 30 + 3$

e) $20,00,00,000 + 8,00,00,000 + 30,00,000 + 5,00,000 + 10,000 + 7,000 + 800 + 90 + 3$

f) $6,00,00,000 + 70,00,000 + 8,00,000 + 40,000 + 5,000 + 600 + 30 + 1$

6. Write the following numbers in short form:

- a) 8,76,54,321
- b) 10,20,30,405
- c) 69,15,465
- d) 7,80,40,203
- e) 10,40.20,707
- f) 87,53,044

Exercise-4

1. Write the predecessor and successor of the following numbers:

Predecessor	successor
a) 7,861,063	7,861,071
b) 11,257,889	11,257,891
c) 18,251,199	18,251,201
d) 91,81,87,998	91,81,88,000
e) 6,789,988	6,789,990
f) 59,69,79,898	59,69,79,900

2. Compare the numbers and use correct sign > or <:

- a) >
- b) >
- c) <
- d) <

3. Arrange the following numbers in ascending order:

- a) 21,15,005: 21,5,500: 21,51,005: 21,51,500
- b) 5,039,563: 5,093,563: 5,390,563: 5,903,563
- c) 11,12,13,145: 11,12,31,145: 11,12,31,154: 11,21,13,145
- d) 89,345,120: 89,435,120: 9,345,120: 98,543,120

4. Arrange the following numbers in descending order:

- a) 43,600,879: 43,600,789: 43,060,789: 43,006,789
- b) 7,431,865: 7,413,865: 7,314,865: 7,134,865
- c) 12,28,53,989: 12,28,35,989: 11,82,35,989: 11,28,35,989
- d) 61,82,14,911: 61,82,14,712: 61,82,14,217: 61,82,14,119

Exercise-5

1. Write the smallest and greatest 7-digit numbers (without repeating a digit) using the following digits:

a) greatest digit- 7543210, smallest-1023457

b) greatest digit- 9875432, smallest-2345789

2. Write the greatest and smallest 7-digit numbers (you may repeat a digit) using the following digits:

a) greatest digit- 9985430, smallest digit-3004589

b) greatest digit- 8876321, smallest digit- 1123678

3. Write the smallest and greatest 7-digit numbers (you may repeat a digit) using the digits 9,3,7,1,0 and 4.

Ans. Greatest digit- 9974310, smallest digit- 1003479

Exercise-6

1. Round off to the nearest tens:

a) 80

b) 40

c) 290

d) 360

e) 930

f) 820

g) 1230

h) 3570

2. Round off to the nearest hundreds:

a) 500

b) 900

c) 400

d) 5100

e) 9000

f) 12500

g) 19000

h) 71400

3. Round off to the nearest thousands:

a) 7000

b) 6000

c) 8000

- d) 10000
- e) 11000
- f) 13000
- g) 46000
- h) 1000000

4. Round off each of the following to the nearest tens, hundreds and thousands:

	Tens	hundreds	thousands
a)	1860	1900	2000
b)	2780	2800	3000
c)	98730	98700	99000

Mental Maths corner (pg.23)

Fill in the blanks:

- 1) 90876054
- 2) crore
- 3) 90807070
- 4) 6000
- 5) 1002345

Review Exercise

1. Write each of the following numbers in words in Indian place value system:

- a) Six crore thirty five lakh fifteen thousand four hundred twenty
- b) Eighty-eight crore seventy-two lakh seventeen thousand one hundred fifteen

2. Write each of the following numbers in words in International place value system:

- a) Eight million two hundred fifty eight thousand one hundred seventeen
- b) Ninety-eight million one hundred seventy-eight thousand four hundred fifty-five

3. Write the following in figures:

- a) 2,79,04,057
- b) 72,629,891

4. Rewrite the following numbers in words of International place value system:

- a) Forty six million three hundred thousand three hundred fifty seven
- b) Six hundred eighty seven million eighty four thousand twelve.

5. Find the difference between the place values of two 3s in 46,53,830

Ans. Place value of 3= 3000 and 30

Difference= 3000-30

= 2970.

6. a) Write the population in words in Indian system.

Ans. Eleven crore twenty three lakh seventy two thousand nine hundred seventy two

b) Express the population in International system of numeration in figures and in words.

Ans. 112.372.972: one hundred twelve million three hundred seventy two thousand nine hundred seventy two

7. Ans. Thirteen crore forty six lakh eighty nine thousand three hundred fifty seven.

Brain Teaser

1. Greatest digit-999999987, smallest digit- 100000002

2. 10000001

Chapter2, Roman Numerals

1. Complete the following table using Roman numerals:

Hindu- Arabic Numerals	12	23	28	31
Roman numerals	XII	XXIII	XXVIII	XXXI

2. Complete the following table using Hindu- Arabic numerals:

Roman numerals	VI	XIII	XXIV	XXXV
Hindu-Arabic numerals	6	13	24	35

Exercise-2

1. Write the following in Roman numerals:

- a) XCV
- b) CXXX
- c) CLXIII
- d) CCXII
- e) CCLXXXIX
- f) CCCXXXIV
- g) CDLXVII
- h) DLXXIX
- i) CMXXXVIII
- j) DCCCLVI

2. Write the following in Hindu-Arabic numerals:

- a) 43
- b) 69
- c) 135
- d) 162
- e) 190
- f) 222
- g) 282
- h) 513
- i) 899
- j) 762

3. Circle the incorrect Roman numerals:

VVV XXX CCVIII DDD
IL VVI DDX CIX

Mental Maths Corner

1. Tick (✓) the correct answer:

- a) ii
- b) iii
- c) iii

2. Compare the following Roman numerals and put correct sign >, < or = in the box:

- a) <
- b) <
- c) =
- d) >
- e) >
- f) >

REVIEW EXERCISE

1. Write the answers in Roman numerals:

- a) XLI
- b) LXXI
- c) LXIX
- d) DCCL
- e) CDLXXXIV
- f) CMLX

2. Match the following:

604 → DCIV
118 → CXVIII
202 → CCII
457 → CDLVII
189 → CLXXXIX
366 → CCCLXVI
545 → DXLV

3. 264 = CCLXIV

BRAIN TEASER

ANS. CLXVI

Chapter 3, Addition and Subtraction

Exercise-1

1. Arrange vertically and add:

a. 1724	b. 1753	c. 6133	d. 2614	e. 2347	f. 1113
<u>+325</u>	<u>+417</u>	<u>+2192</u>	<u>+7346</u>	3215	2244
2049	2170	8325	9960	<u>+1178</u>	<u>+3366</u>
				6740	6723

2. Arrange vertically and subtract:

a. 4254	b. 6456	c. 9778
<u>-1832</u>	<u>- 3148</u>	<u>-5489</u>
2422	3308	4289

3. Solve:

a. 2451	5548	b. 5081	6179
<u>+3097</u>	<u>-4025</u>	<u>+1098</u>	<u>- 2999</u>
5548	1523	6179	3180

Exercise-2

1. Add:

- a. 56589
- b. 63867
- c. 76853
- d. 81239
- e. 69488
- f. 90485

2. Find the sum of :

- a. 58,545
- b. 97,879
- c. 85,569
- d. 87,760
- e. 82,980
- f. 76,744

Exercise-3

1. Add:
 - a. 7777777
 - b. 538838
 - c. 667332
 - d. 705224
2. Find the sum of:
 - a. 5,75,769
 - b. 5,87,646
 - c. 8,59,858
 - d. 7,46,996
 - e. 6,94,656
 - f. 6,70,683
 - g. 8,44,421
 - h. 8,46,302

Exercise- 4

1. Ans. Locks manufactured in the year 2015= 72,584
Locks manufactured in the year 2016= +37,846
1,10,430
.; total locks made in two years is 1,10,430 locks.
2. Ans. No. of males= 2,34,786
No. of females=+ 1,93,877
4,28,663
.; the total population is 4,28,663
3. Ans. $8,76,543 + 12,345 = 8,88,888$
4. Ans. Greatest 6-digit number= 999999
Greatest 5-digit number= + 99999
1,099,998
5. Ans. Cost of bed= Rs. 34,700
Cost of dining table=Rs. 12,800
Cost of 6 chair= + Rs. 6,836
54336
.; she has to pay Rs. 54,336.

Exercise-5

1. Subtract:
 - a. 14224
 - b. 33312
 - c. 35353
 - d. 14209
 - e. 14546
 - f. 34109
2. Subtract:
 - a. 31322
 - b. 62232
 - c. 21012
 - d. 42122
 - e. 48792
 - f. 56001
 - g. 5348
 - h. 42289
 - i. 2230
 - j. 33702
 - k. 44517
 - l. 76541

Exercise-6

1. subtract :
 - a) 150125
 - b) 311123
 - c) 421111
 - d) 256487
 - e) 257316
 - f) 324155
2. Find the difference between:
 - a) 332352
 - b) 170243
 - c) 176640
 - d) 321875
 - e) 353672
 - f) 329876
 - g) 83256
 - h) 75321

Exercise- 7

1. Ans. $82,054 - 43,172 = 38882$

2. Ans. Total money in account = Rs. 828050

Money spent for buying car = $\underline{- 457375}$

370675

∴ money left in the account is Rs. 370675

3. Ans. No. of appeared students = 145280

No. of students passed = $\underline{- 128425}$
16855

∴ no. of students failed is 16855.

4. Ans. Total money Raja have = Rs. 40000

Money spent for television = $\underline{- Rs. 38450}$
1550

∴ Raja got back Rs. 1550.

5. Ans. Money to be saved = Rs. 2,00,000

Money in the bank = $\underline{- Rs. 1,65,950}$
34050

∴ money to be added is Rs. 34050.

Exercise-8

Simplify:

1. 753790

2. 598293

3. 432933

4. 1111110

5. 435108

Exercise-9

1. Estimate the sum:

- a. 80000
- b. 66000
- c. 11000
- d. 43000

2. Estimate the difference:

- a. 14000
- b. 63000
- c. 1000
- d. 69000

Mental Maths Corner

Tick (✓) the correct answer:

- 1. b
- 2. d
- 3. b
- 4. a
- 5. b

Review Exercise

1. a. 71834

b. 890285

c. 964243

2. a. 38583

b. 21887

c. 19249

3. a. 84000

b. 29000

4. ans. Money in one bank= Rs. 201745

Money in another bank=+ Rs.338745

540490

∴ total money she has is Rs.540490

5. The smaller number is 58238

6. the starting number is 45846

7. Ans. Money spent on computer= Rs. 38450

Money spent on printer= +Rs. 11750

Money spent on DVD player= + Rs. 4570

54770

∴ total money Shilpi spent is Rs. 54770

8. Ans, No. of passed students= 54585

No. of students failed= +16786

71371

∴ total student appeared for exam is 71371

9. Ans. Total population in the city= 575600

No. of females= - 333785

241815

∴ no. of males is 241815

Brain teaser corner

Fill in the boxes using correct digits:

1. $36459 + 22604 + 13521 = 72584$

2. $896774 - 253542 = 643232$