

Don Bosco School, Kokar

ANSWERS

CLASS 3

Subject - MATHS

Chapter 1- Numbers

Exercise – 1

1. Fill in the blanks:

(a) 999

(b) 100

2. Complete the table:

Number	Number name
458	Four hundred fifty eight
271	Two hundred seventy-one
145	One hundred forty five
799	Seven hundred ninety nine
304	Three hundred four
590	Five hundred ninety

3. Circle the smallest number:

(a) 516 322 789

(b) 237 347 121

(c) 835 845 855

(d) 488 188 288

4. Circle the greatest number:

(a) 887 925 767

(b) 518 517 512

(c) 127 271 721

(d) 999 555 666

5. (a) Write the number just before:

457	458
269	270
614	615
173	174

(b) Write the number just after:

789	790
200	201
334	335
567	568

6. Write in expanded form:

$347 = 300 + 40 + 7$

$$819 = 800 + 10 + 9$$

$$597 = 500 + 90 + 7$$

$$756 = 700 + 50 + 6$$

7. Use correct sign $>$, $<$ or $=$

$169 < 170$

$685 < 785$

$417 < 471$

$900 > 800$

$528 > 523$

$199 = 199$

$496 > 469$

$701 < 710$

$111 < 121$

$323 < 332$

8. Write the number shown on the abacus :

(a) 344

(b) 625

9. Rewrite in ascending order :

(a) 172,217,385,437

(b) 403,417,425,454

10. Rewrite in descending order :

(a) 666,333,222,111

(b) 915,715,615,415

11. Fill in the blanks :

(a) 500

(b) 827

(c) 729

(d) 9

(e) 300

(f) $300 + 50 + 2$

- (g) Less
- (h) 0
- (i) 642
- (j) Greater

Exercise - 2

1. Fill in the missing terms :
 - (a) 5999, 6000, 6001, 6002, 6003, 6004.
 - (b) 8888, 8889, 8890, 8891, 8892, 8893.
 - (c) 7900, 7901, 7902, 7903, 7904, 7905.
 - (d) 9994, 9995, 9996, 9997, 9998, 9999.

2. Write the following numbers in words:
 - (a) Six thousand two hundred ninety one.
 - (b) Seven thousand four hundred fifty eight.
 - (c) Eight thousand nine hundred thirty five.
 - (d) One thousand one hundred nineteen.

3. Write next four numbers after:
 - (a) 3550, 3551, 3552, 3553
 - (b) 6289, 6290, 6291, 6292
 - (c) 5699, 5700, 5701, 5702
 - (d) 4943, 4944, 4945, 4946

4. Write the following numbers in figures:
 - a. 5315
 - b. 9087
 - c. 5511
 - d. 9205

5. Read the abacus and write the number and number name:
 - (a) 7245, seven thousand two hundred forty five
 - (b) 4150, four thousand one hundred fifty
 - (c) 3513, three thousand five hundred thirteen

Exercise-3

1. Write the place value and face value of the coloured digits.

	Face value	Place	Place value
b.	8	Ones	8
c.	9	Thousands	9000
d.	0	Tense	0
e.	3	Thousands	3000
f.	9	Hundreds	900

2. The numbers are written in expanded or short form. Complete the table:

a. $6000+700+80+5$

b. 4296

c. 3327

d. $1000+900+90+9$

e. 5071

f. $7000+200+90+3$

g. 7140

h. $8000+300+40+5$

3. Write the place value of 6 in 4673.

Ans: place value of 6 is 600.

4. Find the difference between the place value and the face value of 4 in 8472.

Ans. Place value = 400

Face value = 4

Difference = $400-4= 396$.

5. Find the sum of the place value of the two 5s in 4554.

Ans: place value of 5= 500 and 50

Sum= $500+50= 550$.

6. Write true (T) or false (F) for the following statements:
- a. T
 - b. T
 - c. F
 - d. T
 - e. T
 - f. F

Exercise- 4

1. Write the predecessor of:
a. 6344 b. 3722 c. 2531 d. 9799
2. Write the successor of:
a. 8000 b. 3101 c. 8174 d. 6750
3. a). What come just after:
1371,1595,6438,8999
b). what comes between:
1898,6630,5469,7800
c). what comes just after:
1518,9900,9173,8509
4. write the predecessor and successor of the smallest 3-digit number:

Ans: smallest 3-digit number=100

Predecessor= 99, successor= 101

5. Write the predecessor and successor of the greatest 3-digit number.
Ans: greatest 3-digit number= 999
Predecessor= 998, successor= 1000

Exercise-5

Use correct sign $>$, $<$ or $=$:

- | | | |
|--------|--------|--------|
| 1. $<$ | 2. $>$ | 3. $<$ |
| 4. $=$ | 5. $>$ | 6. $<$ |
| 7. $>$ | 8. $>$ | 9. $>$ |

Exercise -6

1. Rewrite the numbers in ascending order:
a) 7029,7290,7298,7920
b) 6890, 6980, 8960, 9860

- c) 1356,1365,1536,1636
- d) 2009,2590,2900,2905

2. Rewrite the numbers in descending order:
- a) 8512, 7310,6150,6142
 - b) 8235,7251,675,5517
 - c) 9000,6000,4000,2000
 - d) 3952,3925,3529,3259

Exercise- 7

1. Complete the following skip counting in 10s:
- a) 3600,3610,3630,3640
 - b) 2810,2830,2840
 - c) 9270,9280,9300,9310
 - d) 8585,8605,8615
2. Complete the following skip counting in 100s.
- a) 8790,8890,9090
 - b) 2835,3035
 - c) 4182,4282,4482
 - d) 1434,1534,1634
3. Complete the following skip counting in 1000s.
- a) 6800,7800
 - b) 5299,7299
 - c) 4505,5505
 - d) 5321,7321

Exercise- 8

1. Form the greatest and smallest 4-digit numbers using the given digits:

Greatest number	Smallest number
7651	1567
9530	3059
9320	239
5531	1135
8830	3008

2. Circle the smallest number and tick (✓) the greatest number:

a. 2715 ✓ 2157

b. 8623 ✓ 2386

c. 4441 ✓ 1444

d. 9378 ✓ 3789

Exercise-9

Round off to the nearest tens:

- | | |
|--------|---------|
| 1. 70 | 2. 90 |
| 3. 240 | 4. 940 |
| 5. 630 | 6. 520 |
| 7. 190 | 8. 870 |
| 9. 360 | 10. 100 |

Exercise- 10

Encircle the even numbers.

2078, 1234, 3332, 5238, 4532, 2166

Mental maths corner

Tick (✓) the correct answer:

1. b
2. a
3. a
4. b

Review exercise

1. Write the underlined numbers in words.
 - a. one thousand nine hundred eighty three.
 - b. eight thousand eight hundred forty eight.
2. Write whether the numbers are even or odd:
 - a. even b. odd c. even d. odd
3. use correct sign $>$, $<$ or $=$:
 - a. $<$ b. $>$ c. $>$ d. $=$
4. Arrange the following numbers in ascending order:
 - a. 4567, 5467, 6457, 7654
 - b. 999, 9909, 9990, 9999
5. Arrange the following numbers in descending order:
 - a. 6433, 6343, 6334, 4633
 - b. 2932, 2523, 2325, 2253
6. Form the smallest and greatest 4-digit numbers using the given digits:
 - a. smallest- 1049 greatest- 9410
 - b. smallest- 3359 greatest- 9953
7. Encircle the smallest number:
 - a. 4555
 - b. 3338
8. Encircle the greatest number:
 - a. 6570
 - b. 6354
9. On the occasion of World Water Day, 4,567 residents of Manu society and 3,942 residents of Asha society took an oath to save water. From which society did more people take the oath?

Ans. Manu society 4,567 people

Chapter 2- Addition

Exercise- 1

Add:

1. 99 2.68 3.92 4. 114 5.102 6. 132

Exercise- 2

Add(1 to 9):

1. 500 2. 859 3. 865 4. 440 5. 386 6. 877 7. 879 8. 869 9.
999

10. Ans. $215+152= 367$

11. Ans. $165+211+302= 678$

12. Ans. $156+130= 286$

13. Ans. $516+423= 939$

Exercise-3

Add (1 to 6)

1. 800 2. 723 3. 410 4. 754 5. 723 6. 804

7. Ans. $624+187= 811$

8. Ans. $125+187+295= 607$

Exercise- 4

1. 732	2. 432	3. 388	4. 456	5. 567	6. 521
92	123	188	213	237	312
+ 8	+ 91	+ 8	+ 23	+ 31	+ 5
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
832	646	584	692	835	838

Exercise -5

Fill in the blanks:

1. 319
2. 435
3. 357

4. 301
5. 630
6. 237
7. 436
8. 500

(pg. 39) Fill in the blanks:

$$397+10=407, \quad 979+100= 1079$$

Fill in the missing numbers in each box to get the number written on the top.

$$739+10=749$$

$$714+100=814$$

$$206+100=306$$

$$649+100=749$$

$$804+ 10= 814$$

$$296+10=306$$

Exercise- 6

Add:

1.82

2.167

3.249

4.188

5.521

6.807

7.631

8.817

9.935

10.770

Exercise-7

1. Round off the numbers to the nearest tens and estimate the sums. Also, find the actual sums.

Estimated sum	Actual sum
410	406
990	987
200	204
520	517
310	313

2. A fruit seller has 128 mangoes and 243 oranges. Estimate the total number of mangoes and oranges, find the actual number.

Ans. Actual sum= $128 + 243 = 371$

Estimated sum= 370

Review Exercise

1. Add:
a. 678 b. 985 c. 477 d. 610 e. 683 f. 400
2. Ans. First innings= 292 runs
Second innings= 196 runs
Total score= $292 + 196 = 488$ runs
.; the team scored total of 488 runs.
3. Ans. No. of women= 354
No. of men= 528
.; Actual sum of people= $354 + 528 = 882$
.; estimated sum = 880.
4. Ans. Students travelled by car=145
Students travelled by school bus= 485
Students walked to school= 235
.; total no. of students in the school = $145 + 485 + 235 = 865$.
5. Ans. No. of men=451
No. of women= 358
No. of children =99
.; the total population of the society = $451 + 358 + 99 = 908$
6. Ans. No. of apple trees=170
No. plum trees= 250
No. of peach trees= 220
.; the total no. of trees in orchard = $170 + 250 + 220 = 640$

Chapter 3, Subtraction

Exercise-1

Subtract:

1. 22
2. 15
3. 51
4. 35
5. 7
6. 18

Exercise-2

1. 21
2. 59
3. 28
4. 42

Exercise- 3

1. 121
2. 332
3. 113
4. 222
5. 232
6. 533
7. 221
8. 203
9. 234
- 10.222
- 11.320
- 12.111

Exercise-4

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 646 | 2. 452 | 3. 868 | 4.776 |
| <u>-123</u> | <u>-341</u> | <u>-424</u> | <u>-253</u> |
| 523 | 111 | 444 | 523 |

Exercise-5

Subtract:

1. 426
2. 359
3. 116
4. 344
5. 179
6. 139
7. 206
8. 80
9. 269

Exercise- 6

Word problems

1. 314
2. 484
3. 166
4. 387

Exercise- 7

1. 132
2. 124
3. 0
4. 998
5. 0
6. 843
7. 348
8. 0
9. 999
- 10.0

Exercise-8

Check the subtraction using addition. If incorrect, do correct subtraction in your notebook.

$$\begin{array}{r} 1. \quad 610 \\ \quad -405 \\ \hline \quad 205 \end{array}$$

$$\begin{array}{r} \quad 205 \\ +405 \\ \hline \quad 610 \end{array}$$

$$\begin{array}{r} 2. \quad 734 \\ \quad -475 \\ \hline \quad 259 \end{array}$$

$$\begin{array}{r} \quad 259 \\ +475 \\ \hline \quad 734 \end{array}$$

$$\begin{array}{r} 3.553 \\ -371 \\ \hline 182 \end{array}$$

$$\begin{array}{r} 182 \\ +371 \\ \hline 553 \end{array}$$

$$\begin{array}{r} 4.622 \\ -243 \\ \hline 379 \end{array}$$

$$\begin{array}{r} 379 \\ +243 \\ \hline 622 \end{array}$$

Exercise- 9

1.solve:

a. $805+182-690$
151

$=987-690$
151

$=297$

b. $744+62-283$

$=806-283$

$=523$

c. $425+60-395$

$=485-395$

$=90$

d. $142+197-$

$=339-$

$=188$

2. $309+470=779$, $779-259=520$.

3. $180+280=460$, $680-460=220$

4. Ans. Total No. Of flowers in the garden= 720

No. of red flowers= 128

No. of pink flowers=316

No. of yellow flowers= ?

$= 720-128+316$

$=720-444$

$= 276$.

(pg. 55) Fill in the blanks:

$407-10= 397$, $602-100=502$

Fill in the missing numbers in each box to get the number written on the top as the difference.

$$\begin{array}{r} 554-10 \\ \\ 644-100 \end{array} \left. \vphantom{\begin{array}{r} 554-10 \\ \\ 644-100 \end{array}} \right\} 544$$

$$\begin{array}{r} 832-100 \\ \\ 742-10 \end{array} \left. \vphantom{\begin{array}{r} 832-100 \\ \\ 742-10 \end{array}} \right\} 732$$

$$\begin{array}{r} 703-100 \\ \\ 613-10 \end{array} \left. \vphantom{\begin{array}{r} 703-100 \\ \\ 613-10 \end{array}} \right\} 603$$

Exercise-10

1.82 3.229 5.321 7.131 9.735
2.265 4.108 6.607 8.117 10.170

Exercise -11

1. Round off the numbers to the nearest tens and estimate the differences.
Also, find the actual differences.

Estimated difference	Actual difference
340	338
120	117
30	30
50	48
30	28

2. Ans. Total no. of mango and guava trees= 252
No. of mango trees= 169
No. of guava trees=252-169=83 trees
Estimate= 80

Exercise- 12

Addition or Subtraction: Mixed problems:

1. Ans. Total no. of students= 420
No. of girls= 257
no. of boys = 420-257=163
.; no. of boys in the competition is 163boys.
2. Ans.Red Beads collected by Shanti= 234
Blue Beads collected by Shanti=319
Total no. of beads = 234+319=553.
.; Total no. of beads is 553 beads.
3. Ans. Total no. of pages on the book= 992
No. of pages read by Manoj=347
No. of pages left = 992-347
=645.
.; no. of pages left is 645 pages.

4. Ans. No. of orange drink bottles= 235
 No. of lemon drink bottles= 478
 Total bottles= $235+478=713$
 ∴ total no. of bottles is 713 bottles.
5. Ans. People in the stadium= 372
 Total no. of seats in the stadium= 525
 No. of empty seats= $525-372$
 $= 153$.
 ∴ total empty seats is 153 seats.

Mental Maths (pg. 58)

Fill in the missing digits:

$$\begin{array}{r} 1. \quad 998 \\ -654 \\ \hline 344 \end{array}$$

$$\begin{array}{r} 2. \quad 986 \\ -623 \\ \hline 363 \end{array}$$

Review Exercise

1. Subtract
 a) 131 b) 288 c) 504
2. Ans. Money to be collected for the party= Rs. 990
 Money collected = Rs. 650
 Money need to be collected = Rs. $990- 650$
 $= \text{Rs. } 340$
 ∴ they need to collect Rs. 340.
3. Ans. Coins collected by Rajan and Mohan = 950
 Coins collected by Rajan= 427
 Coins collected by Mohan= $950-427$
 $= 523$.
 ∴ coin collected by Mohan is 523 coins.

4. Ans. Difference of 593 and 349 = $593 - 349$
= 244.

$$400 - 244 = 156.$$

5. Sum of 540 and 189, | sum of 689 and 234, | 923
$$\begin{array}{r} 540 \\ +189 \\ \hline 729 \end{array}$$
 |
$$\begin{array}{r} 689 \\ +234 \\ \hline 923 \end{array}$$
 |
$$\begin{array}{r} 923 \\ -729 \\ \hline 194 \end{array}$$

∴ ans. 194.

6. Ans. Money Sourabh had = Rs. 855

Money given to his sister = Rs. 260

Money donated = Rs. 150

Money left with him = $855 - (260 + 150)$

$$= 855 - 410$$

$$= 445$$

∴ money left with Sourabh is Rs. 445.

Brain Teaser

1. 100 and 0

2. 400