Theme 1: Why Do We Need Land?
Lesson-1: Large Numbers

Main Coursebook

Kinaesthetic
Accept all relevant responses.
Auditory
1. 4   2. 4
Pictorial
1.

2. XXV
Interactive better
Accept all relevant responses.
1. a. 99,87,509 – Ninety-nine lakh eighty-seven thousand five hundred nine
   b. 3,41,82,117 – Three crore forty-one lakh eighty-two thousand one hundred seventeen
   c. 8,79,61,534 – Eight crore seventy-nine lakh sixty-one thousand five hundred thirty-four
   d. 8,95,33,482 – Eight crore ninety-five lakh thirty-three thousand four hundred eighty-two
2. a. 52,00,300   b. 1,87,00,009
   c. 7,11,002   d. 70,01,005

Understanding better (page 7)
1. 9999999   2. 10000000
3. a. 30,00,000 + 4,00,000 + 20,000 + 6,000 + 100 + 0 + 6
   b. 80,00,00,000 + 1,00,00,000 + 0 + 2,00,000 + 50,000 + 0 + 700 + 30 + 2
   c. 70,00,000 + 5,00,000 + 80,000 + 1,000 + 300 + 0 + 0
   d. 20,00,000 + 3,00,000 + 0 + 9,000 + 400 + 60 + 8
   e. 50,00,000 + 0 + 0 + 2,000 + 600 + 10 + 1
4. a. 35,036   b. 2,00,41,506
   c. 34,84,000
5.

	Number	Successor	Predecessor
a.	5,00,823	**5,00,824**	**5,00,822**
b.	2,29,69,199	**2,29,69,200**	**2,29,69,198**
c.	87,16,500	**87,16,501**	**87,16,499**

6. a. >   b. >   c. >   d. =
7. a. 3,44,561 < 4,18,56,789 < 6,49,08,401 < 29,87,12,345
   b. 2,28,34,384 < 4,22,41,222 < 23,71,34,810 < 26,99,12,025
8. a. 29,27,22,415 > 4,92,34,240 > 3,28,61,237 > 23,44,567
   b. 24,21,31,323 > 21,19,23,524 > 5,23,33,642 > 5,21,31,202
9. a. 18,000,000   b. 76,005,002
   c. 8,357,248
10. a. Fifty-eight million one hundred twenty-three thousand seven hundred twenty-six
    b. Twenty-nine million seven hundred seventeen thousand two hundred twenty-two
    c. Forty-nine million one hundred eleven thousand two hundred eight
    d. Nine hundred ninety-nine thousand nine hundred twenty-one

Understanding better (page 10)
1. No   2. No
11.

Numbers	Indian system	Number names
45393738	4,53,93,738	Four crore fifty-three lakh ninety-three thousand seven hundred thirty-eight
98124670	9,81,24,670	Nine crore eighty-one lakh twenty-four thousand six hundred seventy
92663212	9,26,63,212	Nine crore twenty-six lakh sixty-three thousand two hundred twelve
82006210	8,20,06,210	Eight crore twenty lakh six thousand two hundred ten

Numbers	International system	Number names
45393738	45,393,738	Forty-five million three hundred ninety-three thousand seven hundred thirty-eight
98124670	98,124,670	Ninety-eight million one hundred twenty-four thousand six hundred seventy
92663212	92,663,212	Ninety-two million six hundred sixty-three thousand two hundred twelve
82006210	82,006,210	Eighty-two million six thousand two hundred ten

12. a. 4,140   b. 7,680   c. 5,320
    d. 23,400   e. 98,440   f. 3,99,000
13. a. 6,200   b. 6,100   c. 3,800
    d. 34,800   e. 94,200   f. 5,11,200
14. a. 5,000   b. 25,000   c. 79,000
    d. 54,000   e. 7,92,000   f. 3,05,000
15. a. XI   b. LXXVIII   c. CXLVI
    d. CCVII   e. CCCXLV   f. DLXXXIX
16. a. 14   b. 93   c. 84   d. 255
    e. 311   f. 461

Solving better
1. a. 10   b.20,00,006   c.1,00,00,000
   d. 9,76,700; 9,77,000

e. 410   **f.** 5 ten thousand

Learning better

A. **1.** B   **2.** B   **3.** C   **4.** A   **5.** A

B. **1.** 3,47,790   7,000
2. 964,815   900,000
3. 6,00,488   8
4. 733,901   30,000
5. 2,426,571   500

C. 93,40,374 < 2,74,34,837 < 4,93,77,344
< 8,67,47,545

D. **1.** 83,72,881 > 78,27,321 > 73,23,882
> 67,32,901
2. 5,94,59,344 > 3,04,84,038 > 84,04,347
> 78,49,394
3. 8,63,63,836 > 4,67,73,263 > 3,65,28,384
> 2,57,87,763

F.

Number	Nearest 10	Nearest 100	Nearest 1000
1. 35,82,917	35,82,920	35,82,900	35,83,000
2. 34,58,789	34,58,790	34,58,800	34,59,000
3. 43,67,361	43,67,360	43,67,400	43,67,000
4. 2,33,67,433	2,33,67,430	2,33,67,400	2,33,67,000
5. 8,92,53,549	8,92,53,550	8,92,53,500	8,92,54,000

G. **1.** LXXXVII; 87   **2.** CXCIII; 193
3. CX; 110   **4.** XLI; 41
5. DCCCLXXX; 880   **6.** LXVI; 66

Thinking better
43168

Choosing better
• Politely ask the students to move to the play area so
the flowers are not damaged.   ☑

Students' Worksheets

Worksheet 1

A. **1.** 94,219,071 – Ninety-four million two hundred
nineteen thousand seventy-one
2. 82,350,925 – Eighty-two million three hundred fifty
thousand nine hundred twenty-five
3. 39,232,510 – Thirty-nine million two hundred
thirty-two thousand five hundred ten
4. 55,527,993 – Fifty-five million five hundred twenty-
seven thousand nine hundred ninety-three
5. 14,705,234 – Fourteen million seven hundred five
thousand two hundred thirty-four

B. **1.** 100   **2.** 98,500   **3.** 0 hundred
4. 2,00,034   **5.** 75,00,00,403

C. **1.** LXXII   **2.** CXVII   **3.** CCXXXVIII
4. DXIV   **5.** CML

Worksheet 2

A. **1.** Twenty-four lakh thirty-two thousand eight
hundred seventy-five
2. Sixty-seven lakh ninety-nine thousand eight
hundred eighty-five
3. Four crore fifty-nine lakh seventy-five thousand
eight hundred thirty
4. Five crore thirty-one lakh twenty-seven thousand
five hundred twenty-six
5. Seventy-four crore four lakh eight hundred
twelve

	greatest	smallest
B. **1.**	88,88,750	50,00,078
2.	99,99,999	11,11,111
3.	77,77,777	22,22,222
4.	88,88,888	40,00,000
5.	99,99,999	11,11,111

	nearest 10	nearest 100
C. **1.**	4,140	4,100
2.	21,540	21,500
3.	7,00,170	7,00,200
4.	92,65,790	92, 65,800
5.	1,37,22,510	1,37,22,500

Worksheet 3

A. **1.** Ninety-nine million eight hundred one thousand
three hundred sixty-seven
2. Seventy-six million thirty-one thousand six
hundred fifty-four
3. Thirty-eight million two hundred thirteen
thousand eight hundred seventy-nine
4. Six hundred sixty-eight million seven hundred
ninety-five thousand thirty-five
5. Two hundred eighty-five million six hundred
twenty-two thousand one hundred thirteen

B. **1.** 70,028   **2.** 6,700,005   **3.** 20,07,015
4. 81,70,004   **5.** 6,09,40,010

C. **1.** 458   **2.** 84   **3.** 312   **4.** 92   **5.** 265

Book of Holistic Teaching

English

A. Ascending - smallest to the biggest

B. Descending - biggest to smallest

C. Predecessor - just before

D. Successor - just after

Science: Granite

Social Studies: Mountains

Book of Project Ideas

Making better
Accept all relevant responses.

Theme 1: Why Do We Need Land?
Lesson-2: Operations with Large Numbers

Main Coursebook

Kinaesthetic

Accept all relevant responses

Auditory

2250

Pictorial

the smallest 3-digit number = 203

the largest 2-digit number = 97

Sum = 203 + 97 = 300

Difference = 203 - 97 = 106

Interacting better

Accept all relevant responses

1. **a.** 38,56,535 **b.** 61,82,135 **c.** 77,29,572
2. **a.** 64,45,221 **b.** 47,12,551 **c.** 81,90,719
3. Greatest 7 - digit number = 9999999

Smallest 7 - digit number = 1000000

Sum = 10000000

Difference = 8999999

Understanding better (page no 21)

1. No
2. No
4. **a.** 2,23,43,234 **b.** 14,08,466
   c. 1,42,77,001 **d.** 28,97,545
5. **a.** 2,38,67,368 **b.** 1,01,71,469
   c. 7,83,99,204
6. **a.** Q = 23,125   R = 15 **b.** Q = 8,480   R = 10
   c. Q = 41,546   R = 59
7. **a.** 8,30,650 **b.** 45,110
8. **a.** 41,15,995 **b.** 4,88,69,514
   c. 236 **d.** 35,06,305
   e. 61,26,325

Understanding better (page no 25)

1. 100
2. 125

Solving better

a. > **b.** = **c.** = **d.** <

e. < **f.** <

Learning better

A. 1. B 2. B 3. A 4. B 5. D

B. 1. True 2. False 3. True 4. False 5. False

C. 1. 1,65,53,779 2. 7,61,06,356
   3. 6,82,087 4. 92,52,181
   5. 9,79,75,455 6. 2,12,040

D. 1. 29,72,88,324 2. 12,18,76,887
   3. 25,66,63,890

E. 1. Q = 2,30,912; R = 15
   2. Q = 7,69,171; R = 81
   3. Q = 1,20,448; R = 202

F. 1. 4,35,28,002 2. 6,79,41,205
   3. 7,52,50,116 4. 7,486
   5. 5,47,259

G. 1. 21 2. 11 3. 20

Thinking better

20 and 10

Choosing better

• It helps reduce pollution and conserves natural resources. ☑

Students' Worksheets

Worksheet 1

A. 1. → c 2. → e 3. → b 4. → a 5. → d

B. 1. 7,78,05,251 2. 90,05,29,252
   3. 47,13,23,680 4. 68,58,94,455
   5. 22,98,01,534

C. 1. 0 2. 58,65,42,300
   3. 8,23,59,621 4. 1 5. 3,43,86,008

Worksheet 2

A. 1. Subtrahend 2. successor 3. Multiplier
   4. Division 5. Predecessor

B. 1. 6,69,67,092 2. 7,54,81,568
   3. 53,67,86,386 4. 88,61,80,767
   5. 44,45,29,213 6. 29,12,01,881

C. 1. True 2. False 3. False 4. False 5. False

Worksheet 3

A. 1. 0 2. 1 3. 13,77,895
   4. 1 5. 81,49,22,897

B. 1. 45,67,98,033 2. 42,22,66,095
   3. 94,12,501 4. 22,34,25,332
   5. 26,395

C.

÷	34,41,084	2,14,92,625	9,25,75,570	1,70,36,239
1. 6	Q = 5,73,514; R = 0	Q = 35,82,104; R = 1	Q = 1,54,29,261; R = 4	Q = 28,39,373; R = 1
2. 25	Q = 137,643; R = 9	Q = 8,59,705; R = 0	Q = 37,03,022; R = 20	Q = 6,81,449; R = 14
3. 34	Q = 1,01,208; R = 12	Q = 6,32,136; R = 1	Q = 27,22,810; R = 30	Q = 5,01,065; R = 29
4. 50	Q = 68,821; R = 34	Q = 4,29,852; R = 25	Q = 18,51,511; R = 20	Q = 3,40,724; R = 39
5. 87	Q = 39,552; R = 60	Q = 2,47,041; R = 48	Q = 10,64,087; R = 1	Q = 1,95,818; R = 73

Book of Holistic Teaching

English

1. Naveen learns tables every day.

2. I love to solve multiplication word problems.

Science

Heat energy

Social Science

1. Equator 2. South pole
3. Antarctic Circle

Book of Project Ideas

Making better

Accept all relevant responses.