

Exercise 1.1

1. Observe the patterns and complete them.

- a) 1000001, 999998, 999995, 999992, 999989, 999986
 b) 99999, 100005, 100011, 100017, 100023, 100029
 c) 101010, 101006, 101002, 100998, 100994, 100990

2. Complete the following statements.

- a) Smallest 2-digit number – 1 = greatest 1 digit number.
 b) Smallest 3-digit number – 1 = Greatest 2 digit number.
 c) Smallest 4-digit number – 1 = Greatest 3 digit number.
 d) Smallest 5-digit number – 1 = Greatest 4 digit number.

3. Place the following numbers in Indian place value chart and international place value chart.

- a) 34501236 b) 940812389 c) 100200456 d) 98745621

a) 34501236

Ten Crores	Crores	Ten Lakhs	Lakhs	Ten Thousand	Thousands	Hundreds	Tens	Ones
	3	4	5	0	1	2	3	6
3,45,01,236								

Hundred Million	Ten Million	Million	Hundred Thousand	Ten Thousand	Thousands	Hundreds	Tens	Ones
	3	4	5	0	1	2	3	6
34,501,236								

b) 940812389

Ten Crores	Crores	Ten Lakhs	Lakhs	Ten Thousand	Thousands	Hundreds	Tens	Ones
9	4	0	8	1	2	3	8	9
94,08,12,389								

Hundred Million	Ten Million	Million	Hundred Thousand	Ten Thousand	Thousands	Hundreds	Tens	Ones
9	4	0	8	1	2	3	8	9
940,812,389								

c) 100200456

Ten Crores	Crores	Ten Lakhs	Lakhs	Ten Thousand	Thousands	Hundreds	Tens	Ones
1	0	0	2	0	0	4	5	6
10,02,00,456								

Hundred Million	Ten Million	Million	Hundred Thousand	Ten Thousand	Thousands	Hundreds	Tens	Ones
1	0	0	2	0	0	4	5	6
100,200,456								

d) 98745621

Ten Crores	Crores	Ten Lakhs	Lakhs	Ten Thousand	Thousands	Hundreds	Tens	Ones
	9	8	7	4	5	6	2	1
9,87,45,621								

Hundred Million	Ten Million	Million	Hundred Thousand	Ten Thousand	Thousands	Hundreds	Tens	Ones
	9	8	7	4	5	6	2	1
9,87,45,621								

4. Rewrite, using commas, according to the Indian system of numeration.

- a) 46130025 b) 372722103 c) 518039140 d) 654541014

- a) 46130025 → 4,61,30,025
 b) 372722103 → 37,27,22,103
 c) 518039140 → 51,80,39,140
 d) 654541014 → 65,45,41,014

5. Rewrite, using commas, according to the international system of numeration.

- a) 596485192 b) 138277104 c) 690016914 d) 747396280

- a) 596485192 → 596,485,192
 b) 138277104 → 138,277,104
 c) 690016914 → 690,016,194
 d) 747396282 → 747,396,282

6. Rewrite the number names of the following numbers using Indian system of numeration.

- a) 7930506 b) 100789405 c) 616199404 d) 285853052

- a) 7930506 → 79,30,506 → Seventy-nine lakh thirty thousand five hundred six.
 b) 100789405 → 10,07,89,405 → Ten crore seven lakh eighty-nine thousand four hundred five.
 c) 616199404 → 61,61,99,404 → Sixty-one crore sixty-one lakh ninety-nine thousand four hundred four
 d) 285853052 → 28,58,53,052 → Twenty-eight crore fifty-eight lakh fifty-three thousand fifty-two.

7. Write the number names of the following numbers using international system of numeration.

- a) 151708121 → 151,708,121 → One hundred fifty-one million seven hundred eight thousand one hundred twenty-one.
 b) 105201005 → 105,201,005 → One hundred five million two hundred one thousand five.
 c) 500102501 → 500,102,501 → five hundred million one hundred two thousand five hundred one.
 d) 129018278 → 129,018,278 → one hundred twenty-nine million eighteen thousand two hundred seventy-eight.

8. Write in figures.

a) Twelve crore one lakh seventy-one thousand one hundred twenty-three.

12,01,71,123

b) Thirty-five crore thirty-six lakh fifty-three thousand three hundred sixty-six.

35,36,53,366

c) One hundred ninety-nine million eight hundred eighty-one thousand nineteen.

190,881,019

d) Nine hundred one million two thousand four hundred ninety-nine.

901,002,499

9. Write the following in short form.

a) $4 \times 10,00,00,000 + 8 \times 1,00,00,000 + 2 \times 1,00,000 + 3 \times 10,000 + 9 \times 1,000 + 4 \times 100 + 3 \times 10 + 9$

$40,00,00,000 + 8,00,00,000 + 2,00,000 + 30,000 + 9,000 + 400 + 30 + 9$
48,02,39,439

b) $90,00,00,000 + 8,00,00,000 + 70,00,000 + 6,00,000 + 50,000 + 4,000 + 700 + 80 + 9$
98,76,54,789