CHAPTER 1

NUMBERS

More Questions for Practice

1. Rewrite these numbers in the *Indian Place Value System* by inserting commas (,):
   (*a*) 371937114   (*b*) 292347601   (*c*) 19043631.

2. Rewrite these numbers in the *International Place Value System* by inserting commas (,):
   (*a*) 18093465   (*b*) 112235679   (*c*) 46593801.

3. Write the following numerals in *words* in the *Indian Place Value System*:
   (*a*) 32037154   (*b*) 80797070   (*c*) 60606006   (*d*) 60060060.

4. Write the following numerals in *words* in the *International Place Value System*:
   (*a*) 32050427   (*b*) 83094032   (*c*) 70770770   (*d*) 70070070.

5. Find the *place value* of the underlined digits in the following numbers:
   (*a*) <u>3</u>,26,70,804   (*b*) 57,<u>6</u>1,508   (*c*) <u>3</u>5,001   (*d*) 4,5<u>5</u>,21,923
   (*e*) 6<u>0</u>,12,322.

6. Find the *difference* between the *place values* of 4 in 7,65,83,435 and 2,17,49,239.

7. Find the *sum* of the *place values* of 8 in the following numbers:
   (*a*) 2,71,35,858   (*b*) 21,58,487   (*c*) 56,84,586.

8. Express the following numbers in the *expanded form*:
   (*a*) 7,08,89,050   (*b*) 27,49,099   (*c*) 55,68,010   (*d*) 5,06,60,006
   (*e*) 9,90,90,000.

9. Using the digits 6, 0, 2 and 9, form the *smallest* and the *greatest*:
   (*a*) 4-digit numbers   (*b*) 5-digit numbers
   (*c*) 6-digit numbers.

10. Write the difference between the place values of 7 and 8 in the number 2,12,71,018.

11. Write a 6-digit number whose thousands and ones digits are prime numbers, the lakhs and tens digits are even numbers and the remaining digits are square numbers.

12. Write a 5-digit number whose
    • tens digit is twice its hundreds digit;
    • product of tens and ones digits is 12;
    • ten-thousands digit is 3 times the hundreds digit; and
    • thousands digit is 0.

13. Write the greatest 7-digit number, using the digits:
    (*a*) 3, 7, 0, 8, 9, 5 and 6.   (*b*) 1, 2 and 9.

14. Prepare a place value chart (International System) and enter in it the following numbers:
    190033567   321194710   8913471

15. Rewrite the following numbers in other system of numeration:

(*a*) 7,11,02,091   (*b*) 81,01,95,347   (*c*) 911,310,007

(*d*) 9,31,11,097   (*e*) 2,20,05,371   (*f*) 311,123,741.

16. Find the *difference* between the *place value* and *face value* of 5 in 83457.

17. Round off the numbers to the indicated place given in the adjacent bracket:

(*a*) 17301 (hundreds)   (*b*) 30256 (tens)   (*c*) 1100317 (thousands)

(*d*) 172153 (hundreds)   (*e*) 13515155 (lakhs)   (*f*) 207395 (ten thousands)

18. Estimate the following:

(*a*) 3173 + 185   (*b*) 950123 – 7158   (*c*) 299 × 123

19. A book contains 176 pages. Each page has 285 words. In all how many words are there in this book?

20. A classroom has 35 students. A quantity of 7 L 700 mL of milk is equally distributed to these 35 students. How much milk is given to each child?

ANSWERS

1. (*a*) 37,19,37,114   (*b*) 29,23,47,601   (*c*) 1,90,43,631

2. (*a*) 18,093,465   (*b*) 112,235,679   (*c*) 46,593,801

3. (*a*) Three crore, twenty lakh, thirty-seven thousand, one hundred fifty-four.

(*b*) Eight crore, seven lakh, ninety-seven thousand seventy.

(*c*) Six crore, six lakh, six thousand six.

(*d*) Six crore, sixty thousand sixty.

4. (*a*) Thirty-two million, fifty thousand, four hundred twenty-seven.

(*b*) Eighty-three million, ninety-four thousand, thirty-two.

(*c*) Seventy million, seven hundred seventy thousand, seven hundred seventy.

(*d*) Seventy million, seventy thousand, seventy.

5. (*a*) 3,00,00,000   (*b*) 60,000   (*c*) 30,000   (*d*) 5,00,000   (*e*) 0

6. 39,600   **7.** (*a*) 808   (*b*) 8,080   (*c*) 80,080

8. (*a*) 7,00,00,000 + 8,00,000 + 80,000 + 9,000 + 50

(*b*) 20,00,000 + 7,00,000 + 40,000 + 9,000 + 90 + 9

(*c*) 50,00,000 + 5,00,000 + 60,000 + 8,000 + 10

(*d*) 5,00,00,000 + 6,00,000 + 60,000 + 6   (*e*) 9,00,00,000 + 90,00,000 + 90,000

9. (*a*) 2,069; 9,620;   (*b*) 20,069; 99,620   (*c*) 2,00,069; 9,99,620

10. 69,992   **11.** 8,93,465 (Answers may differ.)   **12.** 90,362; 60,243; 30,126

13. (*a*) 98,76,530   (*b*) 99,99,921

14.

H-Millions	T-Millions	Millions	H-Thousands	T-Thousands	Thousands	Hundreds	Tens	Ones
1	9	0	0	3	3	5	6	7
3	2	1	1	9	4	7	1	0
		8	9	1	3	4	7	1

15. (*a*) 71,102,091 (*b*) 810,195,347 (*c*) 91,13,10,007 (*d*) 93,111,097

(*e*) 22,005,371 (*f*) 31,11,23,741

16. 45

17. (*a*) 17300 (*b*) 30260 (*c*) 1100000 (*d*) 172200

(*e*) 13500000 (*f*) 210000

18. (*a*) 3400 (*b*) 88000 (*c*) 30000

19. 50160 words

20. 220 mL.