

WORKSHEET 1

Numbers

I. Choose the correct option.

- 10 crore = _____ million
(a) 1 (b) 10 (c) 100 (d) 1,000
- 30 lakh = _____ million
(a) 1 (b) 3 (c) 10 (d) 30
- The predecessor of 45,321,620 is _____.
(a) 45,321,619 (b) 45,321,621 (c) 45,322,620 (d) 45,322,619
- The largest 8-digit number that can be formed using the digits 9, 0, 8, 7, 4, 3, 2, 5 is:
(a) 8,97,54,320 (b) 9,78,54,320 (c) 9,87,54,230 (d) 9,87,54,320
- The number 8,25,657 rounded off to the nearest 1,000 is _____.
(a) 8,26,000 (b) 8,25,000 (c) 8,25,600 (d) 8,26,700

II. Fill in the blanks.

- 7 lakh = _____ thousands
- The smallest 9-digit number is _____.
- The number name for 88,88,088 is _____.
- The successor of 9,99,999 is _____.

III. Do as directed.

- By putting commas at appropriate places, write the number names for the following numbers both in Indian and International number system.
(a) 32758604 (b) 6048102 (c) 92865543 (d) 800506241
- Find the sum and difference between the place values of the underlined digits in the given numbers.
(a) 64,72,845 (b) 9,08,53,746 (c) 87,92,31,685
- Write the following numbers in expanded form.
(a) 48,27,163 (b) 7,10,85,967 (c) 21,00,74,368
- Write the numeral for the following.
(a) One less than one million
(b) Ten more than hundred thousand
(c) Smallest 7-digit number having 4 different digits
(d) Smallest 8-digit number having 2 at the thousands place
- Arrange the following numbers in ascending order.
(a) 14,62,845; 14,26,845; 14,62,485; 14,26,548
(b) 6,08,25,143; 6,80,25,143; 6,80,52,134; 6,08,52,413

6. Arrange the following numbers in descending order.
- (a) 71,80,629; 71,08,629; 17,80,926; 72,80,269
- (b) 9,25,34,687; 9,52,34,687; 9,52,43,786; 9,25,43,678
7. Put the correct sign $>$, $<$ or $=$.
- (a) 62,47,183 _____ 62,74,183 (b) 1,50,21,123 _____ 1,50,12,123
- (c) 8,04,93,629 _____ 80,493,629 (d) 73,64,52,490 _____ 73,64,52,940
8. Round off the given numbers to the nearest 100 and 1,000.

	Number	Nearest 100	Nearest 1,000
(a)	7,54,256		
(b)	1,81,792		
(c)	29,47,62,183		
(d)	91,15,36,814		

9. Using the digits 3, 8, 2, 9, 0, 4 and 7 only once, form the largest and the smallest possible number of 7-digits.
10. What is the largest 8-digit number? If we add 1 to it, what will it become?

WORKSHEET 2

Four Operations

I. Choose the correct option.

- $(71,04,132 + 9,51,347) + 11,00,285 = 71,04,132 + (9,51,347 + 11,00,285)$
This property of addition is called _____.
(a) order commutative property (b) grouping associative property
(c) zero identity property (d) none of these
- Minuend = Difference _____ Subtrahend
(a) + (b) - (c) \times (d) \div
- $19,276 \times 1 = 19,276$
This property of multiplication is called _____.
(a) distributive property (b) commutative property
(c) zero property (d) identity property
- A number cannot be divided by _____.
(a) itself (b) 1 (c) 0 (d) 2
- $93,87,046 \div 100$ gives _____ as remainder.
(a) 6 (b) 4 (c) 40 (d) 46

II. Fill in the blanks.

- $55,68,174 + 0 =$ _____
The property used is called _____.
- $98,46,793 - 90,04,000 =$ _____
- $9,215 \times (647 + 330) = (\text{_____} \times 647) + (9,215 \times \text{_____})$
This property of multiplication is called _____.
- $21,376 \times 200 =$ _____
- $0 \div 3,75,46,920 =$ _____

III. Match the following.

Column I

- $15 \div 3 + 2 \times 5$
- $26 \times 12 \div 4 - 16 \div 8$
- $(81 \div 3) \div 3 \div 3 \div 3$
- $6 + 4 - 7 + 12 \div 6$
- $3 \times 2 \times 24 \div 6 + 20 - 7$

Column II

- 1
- 37
- 76
- 15
- 5

IV. Do as directed.

- Find the following sum.
(a) $46,305 + 31,490$ (b) $8,12,921 + 6,15,384$
(c) $15,31,20,743 + 96,87,320 + 20,16,477$ (d) $3,45,21,650 + 82,37,900 + 49,36,786$

2. Subtract and check your answer.
 - (a) 93,876 from 8,05,346
 - (b) 2,79,989 from 15,08,917
3. Find the following products.
 - (a) $3,45,167 \times 248$
 - (b) $12,23,920 \times 574$
 - (c) $89,264 \times 315$
 - (d) $4,915 \times 273 \times 608$
4. Divide and check your answer.
 - (a) $76,948 \div 32$
 - (b) $4,20,534 \div 127$
 - (c) $92,18,46,216 \div 325$
5. Solve the following word problems.
 - (a) A factory manufactured 1,75,820 red pens; 96,450 blue pens and 1,45,615 black pens. How many pens were manufactured in all at the factory?
 - (b) The population of city A is 2,56,410, the population of city B is 3 times that of city A and the population of city C is half the population of city B. What is the population of cities B and C? Which city is most populated?
 - (c) The product of two numbers is 4,51,92,966. If one of the numbers is 3,549, find the other number.
 - (d) An education trust wanted to open a school. They had ₹ 79,86,54,960 to invest. They purchased 5 school vans for ₹ 2,00,500 each, spent ₹ 8,00,00,000 on building and infrastructure. The trust decided to pay each teacher ₹ 4,50,000 per year and appointed 12 teachers. How much money is still left with the trust at the end of the year?

2. Make a factor tree for the following numbers.
(a) 36 (b) 248 (c) 120 (b) 225
3. Find the HCF and LCM of the following numbers using prime factorization.
(a) 45, 80 and 105 (b) 64, 120 and 200
4. Find the HCF and LCM of the following numbers using division method.
(a) 60, 90 and 120 (b) 27, 243 and 729
5. Solve the following problems.
 - (a) The LCM of two numbers is 45 and their HCF is 3. If one of the numbers is 9, find the other number.
 - (b) The HCF of 36 and 150 is 6. Find their LCM.
 - (c) Two lighthouses flash their lights every 30 seconds and 40 seconds respectively. Given that they flashed together at 8.30 p.m., when will they next flash the lights together?
 - (d) Three strings of length 72 cm, 144 cm and 216 cm are to be cut into equal lengths. What is the greatest possible length of each piece?
 - (e) The LCM of two numbers is 96 and their HCF is 16. If one of the numbers is 32, find the other number.