

**CLASS V MATHEMATICS WORKSHEET FOR SA -1 (JUNE 2016)**

Name \_\_\_\_\_ Section V - \_\_\_\_\_

**INTERNATIONAL SYSTEM OF NUMERATION**

**I. Fill in the blanks:**

- 1) In International System each period has \_\_\_\_\_ digits.
- 2) Hundred thousands, ten thousands and thousands form \_\_\_\_\_ period.
- 3) Hundred millions, ten millions and millions form \_\_\_\_\_ period.
- 4) The digit which is just to the right side of million's place comes under \_\_\_\_\_ period.
- 5) The \_\_\_\_\_ place lies to the left side of ten thousand's place.
- 6) The place value of 8 in 283,579,042 is \_\_\_\_\_.
- 7) The period of 0 in 650, 123, 991 is \_\_\_\_\_.
- 8) The face value of 5 in 256,234 is \_\_\_\_\_.
- 9) 455,545,808 \_\_\_\_\_ 455,455,080 (Compare using >, < or =)
- 10) The place of 3 in 289, 354,100 is \_\_\_\_\_.
- 11) \_\_\_\_\_ place lies between ten millions and hundred thousand's place.
- 12) The \_\_\_\_\_ period lies to the right side of thousand's period.

**II. Write the numeral for the following:**

- a) Nine hundred thousand and two -
- b) Thirty million four hundred three thousand fourteen -
- c) Two hundred twenty two million three hundred thirty three thousand -
- d) One hundred twenty million four hundred sixty nine thousand two hundred five -
- e) Three hundred million four -
- f) Eighteen million eight hundred thousand eighteen -
- g) Five hundred forty million four hundred thousand -

**III. Write the number names of the following numbers:**

- a) 75,670,060 -
- b) 290, 004, 096 -
- c) 450,8912-

d) 88,042, 567-

e) 118, 690,000 -

f) 10, 010, 101-

**IV. Put commas in appropriate places according to International system of numeration and write their number names.**

a) 3 8 9 7 4 0 1 2 \_\_\_\_\_  
\_\_\_\_\_

b) 8 9 2 0 0 0 2 4 \_\_\_\_\_  
\_\_\_\_\_

**V. Complete the series:**

a) 242,778,550    342,878,660    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_

b) 666,345,772    667,345,783    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_

c) 1,799,100    1,899,300    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_

**VI. Write in ascending order:**

a) 121,212,120    122,112,120    211,221,210    121,221,120

b) 319,319    33,193,190    39,913    331,931,190

**VII. Write in descending order:**

a) 6,321,814    6,321,418    6,328,814    6,322,814

b) 182,000,000    201,800,000    208,100,000    180,200,000

**VIII. Write the greatest and the smallest possible numbers using the digits given below only once.**

<u>Digits</u>	<u>Greatest Number</u>	<u>Smallest Number</u>
3,7,5,0,2 6,1,4	_____	_____
0,2,4,8,9,1,5,7,6	_____	_____

**IX. Complete the following table for the numeral 389,725,646 :**

Digit	Place	Place value	Period
8			
5			
4			
2			

**OPERATIONS ON WHOLE NUMBERS**

**I. Fill in the blanks:**

- 1) 69hundreds + 78 = \_\_\_\_\_
- 2) One more than 9,99,999 is \_\_\_\_\_
- 3) The numbers which are being added are called \_\_\_\_\_.
- 4) Sum of the largest 7 digit number and the smallest 7 digit number is \_\_\_\_\_.
- 5)  $738261 + 0 =$  \_\_\_\_\_
- 6) The number to be subtracted is called as \_\_\_\_\_
- 7) To find the missing minuend, the difference is \_\_\_\_\_ to the subtrahend.
- 8) If we subtract a number from its \_\_\_\_\_ we get 1 as the answer.
- 9) \_\_\_\_\_  $\times 100 = 855000$
- 10) The number to be multiplied is \_\_\_\_\_.
- 11)  $61930 \times$  \_\_\_\_\_  $= 61930$
- 12) \_\_\_\_\_ is the inverse operation of multiplication.
- 13) The remainder in a division sum is always \_\_\_\_\_ than the divisor.
- 14)  $67540 \div 1000 =$  \_\_\_\_\_
- 15)  $10710 \div 10710 =$  \_\_\_\_\_
- 16)  $(293 \times 161) \times$  \_\_\_\_\_  $= 161 \times ($  \_\_\_\_\_  $\times 850)$
- 17)  $(28 + 15) \times 7 = ($  \_\_\_\_\_  $\times 7) + (15 \times$  \_\_\_\_\_  $)$
- 18)  $0 \div 829 =$  \_\_\_\_\_
- 19)  $89050 \div$  \_\_\_\_\_  $= Q = 890, R = 50$
- 20)  $4205 \times$  \_\_\_\_\_  $= 420500$

**Do in Revision Notebook:**

**II. Arrange in columns , add and find the sum:**

- a) 1,74,32,814      3,17,29,891      2,34,10,404      91,09,648  
b) 38,79,632      29,75,407      5,79,60,001  
c) 89,10,97,526      95,85,176      64,90,91,575      2,48,92,755  
d) 37,25,316 + 12,39,93,295 + 6,54,123

**III. Arrange in columns, subtract and find the difference:**

- a) 5,17,82,459 – 3,97,62,467  
b) Subtract 33,26,289 from 59,28,284  
c) Subtract 2,73,73,737 from 3,13,35,068  
d) Subtract: 2,98,76,315 from 24,00,68,521

**IV. Find the product:** a) 67252 X 9317    b) 2609 x 1547    c) 96451 x 2345    d) 50006 x 498

**V. Find the quotient & remainder and check your answer:**

- a) 2310527 ÷ 2182    b) 41826 ÷ 551    c) 488963 ÷ 312    d) 35505 ÷ 912

**VI. Write statements and solve the following word problems:**

- 1) The total number of students in classes I to V in a state is 73 25 918. Out of these 33 67 269 are girls. How many are boys?
- 2) 14165 candles are to be packed in packets with each packet containing 120 candles. How many full packets can be made?
- 3) Mr. Deepak purchased a flat for Rs. 56,43,850 and spent Rs.3,65,900 on its renovation. How much did he spend in all?
- 4) There are 673 workers in a factory. If each worker is paid a salary of Rs. 5985 what will be amount needed to pay for all the workers?
- 5) The product of 2 numbers is 127008. One of them is 144. Find the other number.
- 6) A factory produces 47035 bulbs everyday. How many bulbs will be produced in a leap year?
- 7) A company needed 6258930 tyres to make cars. It asked 3 companies to supply tyres. Two of them supplied 275000 each. How many tyres did the third company supply?
- 8) How much should be added to the sum of 216785 and 358029 to get 1000000?

**Learn from Textbook and notebook well.**

**FACTORS AND MULTIPLES AND DIVISIBILITY TESTS**

**I. Factors:**

1. \_\_\_\_\_ is a factor of every number.
2. The greatest factor of a number is \_\_\_\_\_.

3. \_\_\_\_\_ is the only number which has only one factor.
4. A factor of a number is \_\_\_\_\_ than or equal to a number.
5. A number has limited number of \_\_\_\_\_.

**II. Multiples:**

1. A number is a \_\_\_\_\_ of itself.
2. Every number is a \_\_\_\_\_ of 1.
3. Every multiple of a number is \_\_\_\_\_ than or equal to the number itself.
4. There is no limit to the \_\_\_\_\_ you can get of a particular number.

**III. Fill in the blanks:**

- 1) The first 4 multiples of 20 are \_\_\_\_\_
- 2) Write all the factors of 70 \_\_\_\_\_
- 3) Two numbers are said to be \_\_\_\_\_ numbers if their common factor is 1 only.
- 4) Numbers having more than two factors are called \_\_\_\_\_ numbers.
- 5) Prime numbers have only \_\_\_\_\_ factors.
- 6) \_\_\_\_\_ is neither a prime number nor a composite number.
- 7) The least composite number is \_\_\_\_\_
- 8) The only even prime number is \_\_\_\_\_.
- 9) There are \_\_\_\_\_ prime numbers between 1 and 100.
- 10) A number to be divisible by 10 should have \_\_\_\_\_ at its one's place.
- 11) A number to be divisible by 5 should have \_\_\_\_\_ or \_\_\_\_\_ at its one's place.
- 12) If a number is divisible by 2 and 3, then it is also divisible by \_\_\_\_\_.
- 13) The least prime number is \_\_\_\_\_
- 14) All prime numbers are \_\_\_\_\_ numbers except number 2.
- 15) The only even prime number is \_\_\_\_\_.
- 16) The least composite number is \_\_\_\_\_.
- 17) The greatest one digit prime number is \_\_\_\_\_.
- 18) The greatest one digit composite number is \_\_\_\_\_.
- 19) Some composite numbers are odd and some are \_\_\_\_\_.
- 20) The greatest prime number between 1 and 100 is \_\_\_\_\_ and the greatest composite number between 1 and 100 is \_\_\_\_\_.
- 21) \_\_\_\_\_ is neither a prime number nor a composite number.
- 22) Every even number is a composite number except number \_\_\_\_\_.
- 23) The least odd prime is \_\_\_\_\_.
- 24) There are \_\_\_\_\_ one digit prime numbers.
- 25) There are \_\_\_\_\_ prime numbers between 1 and 100.

- 26) If the difference between two prime numbers is 2, they are said to be \_\_\_\_\_ primes.
- 27) Numbers which have only 2 factors are called \_\_\_\_\_ numbers.
- 28) There are \_\_\_\_\_ pairs of twin prime numbers between 1 and 100.

**IV. Complete the table by putting tick mark (✓) where the numbers are divisible and a cross (X) where the numbers are not divisible:**

Number ↓	DIVISIBLE BY							
	2	3	4	5	6	8	9	10
1529634								
812960								
72366								
99840								
12114								
18760								
15606								

**V. Do as directed:**

- Circle the prime numbers  
53, 57, 67, 71, 85, 97, 21, 39
- The next two multiples of 16 are \_\_\_\_\_, \_\_\_\_\_
- Write any two consecutive prime numbers which have a difference of 2. \_\_\_\_\_, \_\_\_\_\_
- Is 654 divisible by 3? \_\_\_\_\_ (Yes /No)
- There are \_\_\_\_\_ prime numbers between 10 and 20.
- 7 and 29 are not co-prime numbers. \_\_\_\_\_ (True or False)
- Write the smallest digit in one's place so that the number becomes divisible by 9
  - 10483\_\_\_\_\_
  - 489\_\_\_\_\_
- Write the first four multiples of 14. \_\_\_\_\_
- Write the first 4 odd multiples of 7. \_\_\_\_\_
- (Do in Revision Notebook)**  
List all the factors of a) 48 b) 60 c) 72 d) 24 d) 36 e) 100 f) 50 h) 18