GAIL D.A.V MODEL SCHOOL
SUMMER VACATION HOMEWORK   2020-21
CLASS- 5   SUBJECT - Mathematics

- Learn Tables up to 20
- Do chapters 1 to 3 in Mathematics Fair Notebook
- Make a place value chart of any 8 digit number.
- Solve the following worksheets

WORKSHEET- 1

1-Put commas and write the number name

    a- 7364308 -

    b- 8962529 –

    c- 994642012-

2- Write Period, place and place value of underlined digit

    a- 2,65,68,263 –

    b- 1,66,94,255 –

    c- 1,00,21,632 –

3- Write the numerals using commas between period

    a- Sixty five lakh eight thousand two hundred seventy five - _____---__

    b- Two lakh six thousand five - _____

    c- Sixty lakh twenty thousand one - _____

    d- One crore fifteen thousand nine hundred sixty three - _____

4- Rewrite the following numerals using commas in International System.

    a- 761075132 –

    b- 521506981 –

    c- 816039505 –

5- Write in numeral

    a- Two hundred three million three hundred -   _____

    b- Five hundred fifty million nine hundred thirty thousand eight hundred sixteen

                                _____

    c- Fifty million five -   _____

    d- Nine hundred four million thirty thousand eighty -   _____

6- Write the successor of the following –

    a-   99,99,065 –

    b- 10,04,08,432 –

    c-   6,66,66,666 –

7- Write the predecessor of the following –

    a- 29,43,86,100 –

    b- 31,34,64,111 –

    c-   40,06 295 –

8- Find the difference of the place value of two 9 in 89,25,94,530 –

9- Complete the following

    a- 1 Lakh   = _____ thousand .

    b- 1 Million   = _____---__ lakh.

    c- 1 Ten lakh = _____ lakh.

10- Draw an International place value chart showing the periods and place of any 9 digit

    Number .

11- Place value puzzle

a- Multiply 3 by the number of days in a week. Subtract 12 and write your answer in

thousand place

b- Add 3 to the difference between 5 and 2.Write your answer in the ones place

c- Divide the number in the thousand place by itself and then multiply the answer by 0.

Write your answer in the tenths place

d- Subtract the number of days in a weekend from the number of days in February(non

leap year). Divide this number by 2. Subtract the number in the thousands place from

that answer. Write your answer in the hundredths place

e- Add the numbers from the tenths, hundredths and ones place and then divide by 2.

Write your answer in the tens place.

f- Divide the number of hours in two days by 16 and write your answer in the hundred

thousand place

g- Multiply the number in the hundred thousand place. Subtract 20 from that answer.

Write your new answer in the ten thousands place

h- Subtract the number in the tens place from the number in the ones place. Write your

answer in the hundreds place.

1- Arrange in column and add

      1,54,16,836 ; 5,93,60,243 and 3,02,62 ,367

2- Subtract 6,82,72,512 from 7,40,63,128

3- Multiply   30,465   by   346

4- Divide and check your answer

      45,15,412 ÷ 260

5- Find the value of 6,66,66,666 + 2,32,332 − 1,69,158

6- Find the product of greatest 4-digit number and smallest 2-digit number

7- A shopkeeper purchased 3 dozen banana. If the cost of one banana is 9 rupees. Find

the cost of 3 dozen banana.

8- If the cost of 15 washing machine is 9825. Find the cost of 1 washing machine.

9- Abhay has 172 notebooks and Rahul has 115 times more notebooks than Abhay.How many notebooks does Rahul has?

10- Sara and her 20 friends bake a pan of 2,352 brownies. If the girls share the brownies equally, how many will each girl has?

11- Ban gets Rs. 820 for washing a car. If he washes 3,115 cars everyday, how much does he earn daily?

12- A doctor gave his patient liquid medicine and told him to drink 13,875 ml in 75 days. How much should the patient drink each day?

13- Mr. Bean, the farmer makes 1,824 bottles of apple juice to sell. He packs them in boxes of 4 and then the boxes are packed into 7 vans. How many boxes are packed into each van? How many are left?

14- Use the digits 0 , 1 , 2 , 5 , 6 , 7 and 9 to make a 7-digit number each time

a- What is the greatest 7-digit number you can make with the digits?

b- Subtract smallest 5-digit number from this number

c- What is the smallest 7-digit number you can make?

d- Add greatest 3-digit number to this number

e- What is the largest multiple of 50 you can make?

f- What is the smallest even number you can make?

g- What is the largest multiple of 50 you can make?

h- Make a 7-digit number which is divisible by 4.

i- What is the closest number to 8 million you can ma

WORKSHEET – 3

1- Find out the even numbers.

27 , 36 , 48 , 125 , 360 , 453 , 518 , 423 , 54 , 58 , 917 , 186 , 423 , 928

2- Find out the odd numbers.

10 , 45 , 78 , 146 , 347 , 543 , 495 , 638 , 497 , 968 , 729 , 427 , 624 , 572

3- Write all the composite numbers between the following

a- 40 and 50 –

b- 75 and 90 –

c- 25 and 35 –

d- 50 and 70 –

4- Write all prime numbers between 1 to 100.

5- Which of the following statements are correct?

a- 1 is a composite number.

b- All the odd numbers are the prime numbers.

c- A composite numbers has at least 3 factors.

d- A number is the greatest factor of itself.

e- 1 ia a factor of every number.

f- The multiples of a number are limited.

g- A prime number is always even.

h- 1 is neither prime nor composite.

i- A prime number has only two factors.

j- Every multiple of a number is exactly divisible by the number.

6- Write the multiples of 6 which are greater than 20 and less than 50.

7- Write the factors of the following.

     a- 27 –

     b- 32 –

     c- 18 –

     d- 45 –

     e- 38 –

     f- 84 –

     g- 95 –

8- Write the first five multiples of the following.

     a- 9 –

     b- 8 –

     c- 19 –

     d- 15 –

     e- 25 –

9- Find prime factors of the following.

     a- 786 –

     b- 117 –

     c- 324 –

     d- 546 –

10- Using Factor Tree method, find the prime factorization of the following

     a- 45   b- 98

11- Using Division Method , find the prime factorization

    a- 76   b- 115

12- Using prime factorization method, find the LCM

    a- 45 and 86   b- 42 and 50

13- Find the HCF of the following.

    a- 12 , 21, 25   b- 50 , 55 ,60