STEPPING STONE SCHOOL (HIGH)

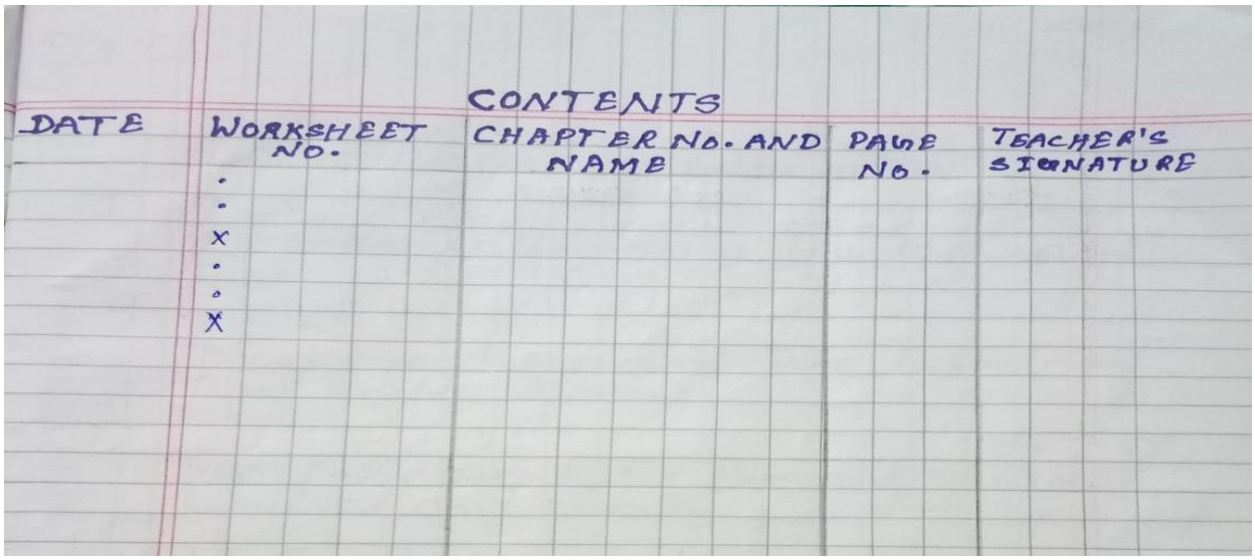
CLASS: IV

Subject : Mathematics **Date: 29-06-2020**

Topic: *Multiplication* **Time Limit: 30 minutes**

Worksheet No. : 22

PLEASE FOLLOW THE CHAPTER FROM YOUR TEXT BOOK AND THE ATTACHED NOTES. THEN WORK OUT THE EXERCISES NEATLY IN YOUR NOTEBOOKS HENCEFORTH. YOU WILL USE CHECKED COPY. IN THE FIRST PAGE OF YOUR NOTEBOOK, YOU MUST WRITE THE CONTENTS, USING THE FORMAT GIVEN BELOW. YOU MUST WRITE USING BLUE GEL PEN. WRITE THE DATE AND WORKSHEET NUMBER AT THE TOP OF THE PAGE WHERE YOU START YOUR WORK. ENSURE NEAT AND TIDY WORK


CONTENTS

DATE	WORKSHEET NO.	CHAPTER No. AND NAME	PAGE No.	TEACHER'S SIGNATURE
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BOOK NAME :- Insight Mathematics Book 4

##Good morning children !!!!

##I hope you all are doing fine !!!!

Today we are going to solve some sums regarding multiplication

Chapter 4

Multiplication

Multiplication by Hundreds :-

When a number is multiplied by 100 ,we add two zeros to its right to find the product.

Example :- 388 * 100 = 38800

To multiply a number by hundreds, like 200 , 300 , 800 etc., we multiply the number by the first digit of the multiplier and then add two zeros to its right to find the product.

Example :- 114 * 200 = ?

Step 1 : First multiply 114 and 2

124*2 = 248

Step 2 : Then add two zeros to its right. We get 24800

124*200= 24,800

Multiplication by Thousands :-

When a number is multiplied by 1000, we add three zeros to its right to find the product.

Example :- 524 * 1000 = 5,24,000

To multiply a number by thousands, like 2000 , 3000 , etc., we multiply the number by the first digit of the multiplier and then add three zeros to its right to find the product.

Example :- 126*2000=?

Step 1 : First multiply 126 and 2

126 * 2 = 252

Step 2 : Then add three zeros to its right. We get 2,52,000

126*2000=2,52,000

Learn the given rules and try to solve the following sums :-

1. Multiply the following :-

a. 223*20=

b. 1221*40=

c. 213*30=

d. 4312*200=

e. 332*300=

f. 202*400=

g. 1200*5000= ***(Hint: First multiply 1200 by 5,*** **then put three zeros to the right of the product *)***

h. 2403*4000= ***(Hint : First multiply 2403*4,*** **then put three zeros to the right of the product)**

i. 485*300=

J. 3218*9000=

K. 426*500=

2. Fill in the blanks :-

a. 7*9= 9* ____

b. 869*27= ____ *869

c. 49*(22*8)= (____ *49)*8

d. (643*24)*46=(24*46)* _____.

e. 243*12 *25= ___ *(12*25)

Multiplication of large numbers

Th H T O

1 0 2 1

**** 2 3***

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3 0 6 3 ------On multiplying by ones (1021*3)

2 0 4 2 * ------- On multiplying by tens (1021*20)

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2 3 4 8 3 ------sum of the two products

Now let us try to solve the following :-

1. Multiply the following :-

a. 1264*16=

b. 4538*21=

c. 2187*47=

d. 7361*19

e. 4020*21=

Remember to fill up the Contents page of your notebook every day.

##This was all for today's session

Stay Healthy Stay Safe