SUBJECT: MATHS   BOOK NAME: EXCEL IN MATHEMATICS 3

CLASS: 3   DATE: 02.05.20

ASSIGNMENT 3

HELLO CHILDREN, IN THIS ASSIGNMENT WE WILL LEARN ABOUT LESSON 2 (ADDITION).

IN ADDITION,

ADDEND: The numbers which are to be added are called addends.

SUM : The answer of addition is called sum.

EXAMPLE:

TH	H	T	O	
2	3	4	6	ADDEND
+ 1	2	3	3	ADDEND
3	5	7	9	SUM

ADDITION FACTS:

1. **The sum of two numbers in any order is the same.**
2. **The sum of three numbers in any order is the same.**
3. **When zero is added to any number the number does not change.**
4. **Addition can be done in two ways- horizontal and vertical.**

Let's do some exercise:

Q 1. ADDITION WITHOUT CARRYING (Arrange in column)

a. **4248+3111**
b. **2419+4360**
c. **1245+2340+3124**

Q 2. ADDITION WTH CARRYING.

a. **3568+2209**
b. **8397+1548**
c. **2656+5005+1342**

ADDING 10, 100, OR 1000 TO A NUMBER

a. **Adding 10 to any number increases 1 in tens place.**   Ex: 2135 +10 =2145
b. **Adding 100 to any number increases 1 in hundreds place.**   Ex: 2135 +100=2235
c. **Adding 1000 to any number increases 1 in thousands place.**   Ex: 2135 +1000 = 3135

Q 3. WRITE THE SUM WITHOUT ACTUALLY ADDING

a. **6480 +10**
b. **5678 +100**
c. **5632 +1000**

ESTIMATING THE SUM

We can estimate the sum of numbers by rounding off each to nearest 10, 100 or 1000

The rule of rounding off remains the same in estimation also.

Example: 981 + 446 (nearest 10)

 981 is rounded off as 980   and   446 is rounded off as 450 now we will add it as

Actual sum

9	8	1
+4	4	6
14	2	7

Estimated sum

9	8	0
+4	5	0
14	3	0

Q 5. ESTIMATE THE SUM BY ROUNDING OFF TO NEAREST 10

   a. 554 + 693

   b. 329 + 567

   c. 3214 + 3267

Q 6. ESTIMATE THE SUM BY ROUNDING OFF TO NEAREST 100

   a. 6746 +1854

   b. 3046 +4862

   c. 697 +314

WORD PROBLEM

We always use four steps problem solving process to solve word problem.

1. **Understanding**
2. **Planning**
3. **Doing**
4. **Checking**

Let's solve word problem:

1. **A mercantile bought 4684 boxes of apples and 3952 boxes of oranges. What is the total number of boxes?**

   No. of apple boxes=   4684
   No. of orange boxes= + 3952
   Total no. of boxes   =   8636
   Thus, the merchant bought 8636 boxes in all.

2. **An orchard has 1275 apple trees, 2460 guava trees and 1685 mango trees. Find the total number of trees in the orchard.**

3. **In a school there are 1205 boys and 1312 girls. Find the total number of students in the school.**
4. **A library has 1050 English books and 2244 books of another subject. How many books in all are there in the library?**

   NOTE: STUDENTS ARE REQUESTED TO PRACTICE SOME MORE SUMS OF LESSON 2 FROM THEIR BOOK AND READ THE NOTES ALREADY PROVIDED YOU THROUGH WHATSAPP GROUP.
   2. NOTE DOWN ALL THE PRACTICE ASSINGMENTS IN A SEPARATE THIN COPY.

   Rupali Srivastava.

MCQ BASED QUESTIONS ON L-2 ADDITION

Q.1. The sum of 5429 + 3020 is

   a. 8494   b. 8409   c. 8449   d. 8429

Q.2. The sum of 5639 + 2367 is

   a. 7006   b. 8006   c. 8096   d. 8906

Q.3. The sum of place value of two 7s in 5707 is

   a. 7070   b. 700   c. 707   d. none

Q.4. The missing number in _____ + 0 = 9528 is

   a. 9528   b. 9628   c. 9620   d. 9000

Q.5. 1000 more than 6385 is

   a. 5385   b. 7380   c. 7385   d. 6380

Q.6. The missing number for 300 + _____ = 1000

   a. 500   b. 700   c. 768   d. 600

Q.7. I am a number between greatest 2-digit number and 110. If 10 is added to me the answer is palindrome.

   a. 109   b. 101   c. 100   d. 102

Q.8. The estimated sum of 142 and 597 to the nearest 100 is

   a. 740   b. 700   c. 730   d. 720

Q.9. The estimated sum of 948 and 206 to nearest 10 is

   a. 1150   b. 1200   c. 1100   d. 1000

Q.10. The sum of 1879 + 6210 + 1598 is

   a. 9867   b. 9768   c. 9686   d. 9687

Q.11. The sum of 3252 + 1424 + 3212 is

   a. 7889   b. 7998   c. 7989   d. 7999

Q.12. The numbers which are to be added are called _____.

   a. addition   b. addens   c. addends   d. sum

Q.13. The sum of a number and 0 is

   a. zero number   b. another number   c. none   d. 100

Q.14. The sum of largest is 3 digit and smallest 4 digit is

   a. 2999   b. 1999   c. 9999   d. 1111