WELLAND GOULDSMITH SCHOOL
CLASS-5
SUBJECT- MATHEMATICS
**TOPIC: THE FOUR OPERATIONS**

SYNOPSIS

- Large numbers are added or subtracted in the same way as small numbers.
- Numbers can be added in any order. Their sum will remain the same.
- When 0 is added to a number, the sum is the number itself.
- When zero is subtracted from a number, the difference is the number itself.
- Multiplication means repeated addition.
- Numbers can be multiplied in any order, the product will remain the same.
- When a number is multiplied by 0 ,the product is always 0 .
- Division means repeated subtraction.
- When a number is divided by itself, the quotient is 1 .
- When zero is divided by a number, the quotient is 0 .
- **Dividend = Divisor × Quotient + Remainder .**

EXAMPLES

1. a. *Addition*

C	TL	L		Tth	Th		H	T	O
3	4	8		1	2		4	7	2
+ 4	3	7		3	9		8	0	2
7	8	5		5	2		2	7	4

  Ans: 7, 85, 52, 274
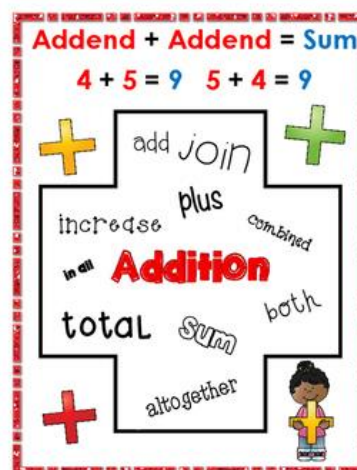
b. *Subtraction*

C	TL	L	Tth	Th	H	T	O
4	8	8	6	2	8	3	9
- 2	6	8	1	4	5	1	4
2	2	0	4	8	3	2	5

 Ans: 2, 20, 48, 325
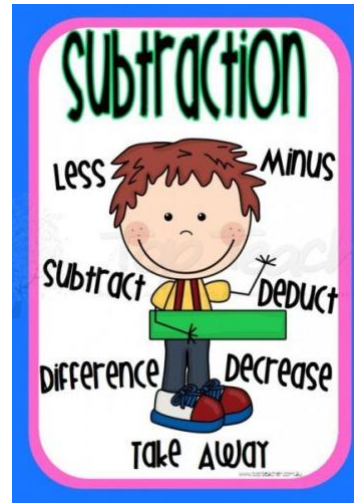
c. *Division*

40120 ÷32

```
      1 2 5 3   Quotient
3 2 ) 4 O 1 2 0
      3 2
        8 1
        6 4
        1 7 2
        1 6 0
          1 2 0
            9 6
            2 4   Remainder
```


Ans: Quotient   = 1 2 5 3
**   Remainder   =   2 4**
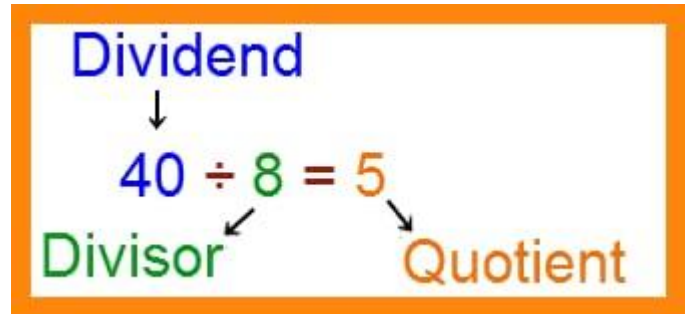
d. *Multiplication*

 1 4 3 4 × 2 7 8

```
      1  4  3  4
     × 2  7  8
    1  1  4  7  2
1  0  0  3  8  0
2  8  6  8  0  0
3  9  8  6  5  2
```
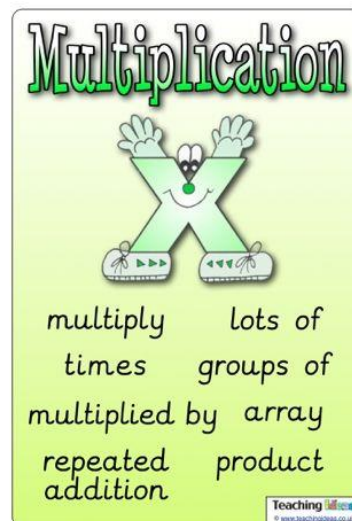

Ans: 3, 98, 652

WORKSHEET

Q 1*. Arrange in columns and add :*

a.   26 , 29 ,689 ; 96 , 12 ,602 ; 4 ,71 , 34 , 543
b.   39 , 87 , 657 ;   2 , 37 , 98, 569 ; 79 , 54 , 435

Q 2.a. Find the difference between 55, 56,   234 and 27, 65, 459
   b Find the difference between 97, 56 , 234 and the sum of 23 , 54 , 432 and 41 , 24 , 673

Q 3 *Multiply***:**
   a.   4 2 1 7 5   ×   2 4 3
   b.   5 0 9 7   ×   4 3

Q 4*. Divide***:**
   a.   5 1 6 9 3   ÷   4 8 3
   b.   4 9 8 7   ÷   1 6

Q 5. *Solve these word problems* **:**

   a.   A library contains 3, 80, 325 books, out of which 18, 820, are academic books and 15, 400 are
        story books. Find the number of books other than academic and story books.
   b.   The population of a town is 4,27,008. If the number of men and women are 92,628 and 71,306
        respectively**,** find the number of children in the town.
   c.   235 egg trays are kept in a carton. How many egg trays are there in 40 such cartons?
   d.   Mrs Roy ordered 4 6 8 0 apple saplings. She wants to plant them in 18 rows. How many of them
        should she plant in each row?

   Note: Please do Warm Up exercise B on page 23 of your textbook
          Exercise 2.1 (Page 25) B and C

          Exercise 2.3 (Page 33)   A 1 - 5
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