DIVISION

Wednesday, 27th April, 2016

Objectives

- Division of numbers with more than one digit

Introduction

Division (or sharing) implies sharing a number among another number. For example: 4 ÷ 2 (four divided by two), implies that you bring 4 items and then share them among 2 people. The resultant is that each person would collect 2 of the items.

Rules

- When you divide small numbers (for example: 6 ÷ 3), count the first number and then separate it into the second number places.
  For instance: 6 ÷ 3
  
  each has two stars, therefore the answer is 2.
- When you divide large numbers, (e.g. 102), follow the example below.
  Example: 102 ÷ 3

```
      3  4
   ┌──────
 3 │ 1  0  2
 –     9
   ──────
         1  2
 –       1  2
   ──────────
               0
   ──────────
```

∴ 102 ÷ 3 = <u>34</u>

In the above example, we start by using 3 to divide 10, we get 3 remainder 1, we then write 3 up over 10 and then join the remainder

to 2 so it be becomes 12. Finally we use 3 to divide 12 which gives us 4. We then write the 4 up over 2. Our answer is 34.