ADDITION AND SUBTRACTION

Tuesday, 26th April, 2016

Objectives

- Addition and subtraction of numbers

Introduction

In mathematics, addition is the counting of items that have been put together. For example: when you put 5 oranges and 6 oranges together and then count; you have just added up. Subtraction is the opposite of addition. It is the removal of some items from much items and then counting the removed items.

Rules

- When you are adding or subtracting begin from the last digit
- If the answer you get from adding the two (2) digits has two (2) digits, write down the last digit and carry the other digit over.
- If the number that minuses another number is smaller, borrow 1 from the number that is before it.

Examples:

1. Simplify 412 + 30

Solving

$$\begin{array}{r} 4\ 1\ 2 \\ +\quad 3\ 0 \\ \hline 4\ 4\ 2 \end{array}$$

∴ 412 + 30 = <u>442</u>

2. Simplify 442 – 40

Solving

$$\begin{array}{r} 4\ 4\ 2 \\ -\quad 4\ 0 \\ \hline 4\ 0\ 2 \end{array}$$

∴ 442 – 40 = <u>402</u>

3. Simplify 428 + 83

Solving

$$\begin{array}{r} 4\ 2\ 8 \\ +\quad 8\ 3 \\ \hline 5\ 1\ 1 \end{array}$$

∴ 428 + 83 = 511

4. Simplify 511 + 428

Solving

$$\begin{array}{r} 5\ 1\ 1 \\ -\ 4\ 2\ 8 \\ \hline 8\ 3 \end{array}$$

∴ 511 + 428 = 83