Chapter One
BASIC NUMBER
1. Tens Number System

The Tens Number System is also called the **Denary System**.

Single figures are termed - **Digits**

Groups of digits are termed - **Numbers**

Place Value means that the position of a Digit in any number represents its value.

	Th/Th	H/Th	T/Th	Th	H	T	U
One Million (Thousand Thousands) ←	1	0	0	0	0	0	0
One Hundred Thousand ←		1	0	0	0	0	0
Ten Thousand ←			1	0	0	0	0
One Thousand ←				1	0	0	0
One Hundred ←					1	0	0
Ten ←						1	0
One ←							1

Key

U - Units
T - Tens
H - Hundreds
Th - Thousands

←

One Hundred ←	1	0	0
Ten ←		1	0
One ←			1

Going from **right to left** each column is ten times greater than the previous.

Start with **1**

10 × 1 = 10

10 × 10 = 100

10 × 100 = 1000

a. Numbers in Figures

Place the number in the table (Start in **100,000** column).
Example:

Five hundred thousand and twenty three **in Figures** would be:	**500,023**

Exercise 1: 1

Write the numbers **in Figures**:

1) Thirty five. = ...

2) Four hundred and nine. = ...

3) One hundred thousand. = ...

4) Four hundred and forty six. = ...

5) Six thousand and twenty one. = ...

6) Seventy five thousand. = ...

7) Nine hundred and sixty five thousand. = ...

8) One million, four hundred thousand. = ...

9) Nine hundred and forty nine. = ...

10) One hundred and fifty two thousand, three hundred and ninety five. = ...

Mark Out of Ten →

b. Numbers in Writing

Place the number in the table (Start in **1,000** column).

Example: **7,093 in Words** would be **written** as:

'Seven thousand and ninety three'.

Exercise 1: 2 Put the Figures into **Writing**:

1) **11** = ...

2) **23** = ...
.....

3) **899** = ...
.....
.....

4) **190** = ...
.....

5) **359** = ...
.....

6) **1,310** = ...
.....

7) **25,853** = ...
.....

8) **69,942** = ...
.....

9) **234,300** = ...
.....

10) **1,545,770** = ...
.....
.....

c. Number Values

Exercise 1: 3 Calculate the following:

1) Rearrange these numbers in size order, highest first.

3,561 **772** **5,743** **9,990** **1,232** **9,078**

....

Write the value of the underlined Figures.

2) In **Writing**

46,4<u>5</u>2 **67<u>8</u>**

....

3) In **Numbers**

33,<u>6</u>74 **<u>5</u>5** **7<u>5</u>6, 394**

....

4) Which is More?

357,929 or **376,216**

.....

5) Which is Less?

79,433 or **79,511**

.....

6) Write out all the numbers that can be made from **789** in size order, largest first. (The first is done)

987 ....

7) Which is Less?

531,888 or 516,998

.....

8) Which is More?

11,001 or **11,210**

.....

9) Rearrange these numbers in size order, lowest first.

1,192 **88** **8,754** **901** **12** **7,069**

....

10) What is the smallest number that can be made from **58193**? .....