PLACE VALUE

The value of a digit depends on its position in a number.

Example

In 56

The value of 5 is fifty as shown below

56= 50 +6 = 5 tens + 6 ones

In a place value chart, we write 56 as

Tens	ones
5	6

Also

78 = 70+8 = 7 tens + 8 ones

In a place value chart, we write 78 as

Tens	ones
7	8

Now let us consider three digits

147 = 100+ 40 +7 = 1 hundreds + 4tens + 7 ones

In the place value chart we have

Hundreds	Tens	ones
1	4	7

Now try this by representing it on the place value chart.

264 = 200 + 60 +4= 2hundreds + 6 tens + 4 ones

Hundreds	Tens	ones

Now let us consider the **place** of a number and **its value** correctly.

56:

What is the place of the 5?

Tens	**ones**
5	6

Remember 56 = 50 +6 = 5 tens +6 ones

So the place of the 5 is **tens**

Its value is **5 tens = 50**

Example 2.

What is the place and place value of 4 in the number 84?

84 = 80 +4 = 8tens + 4 ones

Also in the place value chart

Tens	ones
8	4

The place of the 4 is **ones**

The place value of 4 is **4.**

Question

In 267

a)What is the place of 2?

b) What is the place value of 2?

From our place value chart

Hundreds	Tens	ones
2	6	7

The **answers**

a)The place of 2 is **hundreds**.

b) The place value of 2 is = 2 hundreds = 200

Question

a)What is the place value of 7 in 678?

b) What is its place?

Answers

Using the place value chart

Hundreds	Tens	Ones
6	7	8

a) Place value of 7 = 7 **tens** = 70

b) Place of 7 is **tens**.