

Place Value and Writing Numbers

Every number can be written using **0, 1, 2, 3, 4, 5, 6, 7, 8, and 9**. Place value is the value of each digit. For example in 35, the place value of 3 is 3 tens or 30 and the place value of 5 is 5 ones or 5.

The following chart is number sequencing up to 100.

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99

We observe following patterns in this chart:

- Each number in the blue row has 6 tens (each 6 has a place value of 60).
- Each number in the orange column has 4 ones (each 1 has a place value of 4).

...

Same pattern goes for each row and column.

Example 1

What number is in the tens' place in 23?

Explanation

Draw a place value chart.

Tens	Ones
2	3

2 is in the tens' place.

Example 2

How many tens and ones does 57 have?

Explanation

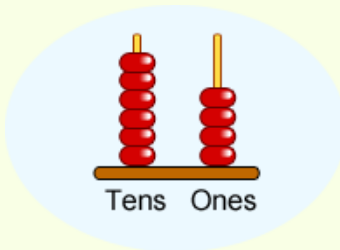
Draw a place value chart.

Tens	Ones
5	7

There are 5 tens and 7 ones.

Example 3

What number does the following frame represent?



Explanation

There are 6 tens and 4 ones. Therefore it is 64.