



**STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
TELANGANA, HYDERABAD**

ACADEMIC YEAR 2020-21

LEVEL-2

Class: III

Medium : English

Subject : Mathematics

Name of the Chapter :

NUMBERS

Worksheet No. : 07

Topic/Concept :

Expressing the places and place values for the digit of numbers up to 999.

I. Learning outcomes:

1. Able to identify the digits and their place value in a given number up to the number 999.
2. Able to identify the number of digits in a given number up to 999.

II. Conceptual understanding/Activity/Model problems:

- How many digits are there in a three digits number ?
- How many digits are there in 100? How many digits is this number ?
- How many hundreds, tens and ones are there in 358 ?
- With which place value the three digits numbers begin ?

Hint : see the page number 20 and 22 to get a better understanding of the above.

1. Have you understood the activity in the page number .20?

You might have observed in the following matter.

358 is a three digit number, it is formed by 3, 5 and 8 digits.

It contains 3 hundreds, 5 tens and 8 ones.

- 100 is also a three digit number but contain only two digits i.e. 0 and 1.
100 contain 1 hundred, 0 tens and 0 ones.

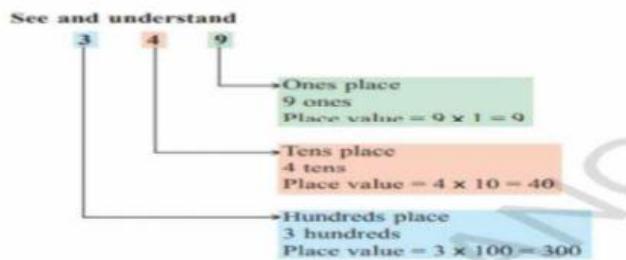
2. 567 is a three digit number. What place value it begins with ?

567 has 5 hundreds, 6 tens and 7 ones.

So 567 contain 5 in hundreds' place, 6 in tens' place and 7 in ones' place.

Place value is the value represented by a digit in number on the basis of its position in the number.

Hint: Refer to page number 22 for more details on the above concept.



Model Problems:

a. What is the place value of 4 in 456 ?

Solution: 4 is in hundreds place

$$\begin{aligned} \text{So } 4 \times 100 &= 400 \\ &= 400 \end{aligned}$$

Place value of 4 is 400.

b. In which place is 6 in the number 569 ?

Solution:

Hundreds	Tens	Ones
5	6	9

6 is in tens place.

c. Write the number 4 in its tens place, 9 in its hundreds place and 0 in its ones place

Solution:

Hundreds	Tens	Ones
9	4	0

The number is 940.

d. What is the “place” and “place value” of ‘0’ in 405 ?

Solution:

Hundreds	Tens	Ones
4	0	5

0 is in tens place and its place value is 0.

III. Worksheet :

1. Observe the following table.

64	135	8	90	234	39
165	4	78	543	7	96
37	128	6	54	324	5
9	64	735	39	2	96
26	416	119	76	3	789

Write the above numbers in the table below under one digit numbers, two digit numbers and three digit numbers separately.

One digit numbers	Two digit numbers	Three digit numbers

2. Write the correct numbers in the blank boxes.

230				
		237		
				254

3. Circle the correct numbers.

Example : 9 in ones place : 456  789 366

a. 8 in tens place : 780 534 375

b. 3 in hundreds place : 645 782 352

c. 2 in ones place : 323 732 431

d. 8 in hundreds place : 874 542 383

e. 1 in tens place : 156 201 313

4. Write the place value of the underlined digit.

Example: 563 : $5 \times 100 = 500$

a. 256 : _____

b. 371 : _____

c. 434 : _____

d. 626 : _____

e. 780 : _____

f. 344 : _____

g. 444 : _____

5. Write the following numbers.

- The number with 3 in its ones place, 5 in its tens place and 7 in its hundreds place : _____
- The number with 8 in its tens place, 0 in its ones place and 4 in its hundreds place : _____
- The number with 5 in its hundreds place, 5 in its tens place and 5 in its ones place : _____
- The number with 0 in its tens place, 9 in its ones place and 6 in its hundreds place : _____
- The number with 6 in its hundreds place, 7 in its ones place and 8 in its tens place : _____
- The number with 0 in its ones place, 3 in its hundreds place and 1 in its tens place : _____

Instructions :

- ★ Practice the problems on page number 20 to 23
- ★ Similarly, collect some more problems and discuss them with your friends.

IV. What I have learnt :

1. I can identify the digits and their place value in a given number up to 999.
 - Can do ()
 - Can't do ()
2. I can identify the number of digits in a given number up to 999.
 - Can do ()
 - Can't do ()