

Class -3rd
Subject-Maths
Unit-1{Numbers}

Basic:

Definition: *A word or symbol that represents an amount of people, things or unit.*

Eg- 0,1,2,3,4-----

1. Even No.-A number that can be exactly divided by 2.

Eg.-0,2,4,6,-----

2. Odd No.-Any integer that cannot be divided exactly by 2.

Eg.-1,3,5,7-----

3.Natural No.-Counting numbers are called natural numbers.

Eg.-1,2,3,4,5-----

4.Whole No.- A set of numbers including the set of natural numbers and the integer 0.

Eg.-0,1,2,3,4-----

5.Prime No.-A number that can be divided exactly by itself and 1.

Eg.-2,3,5,7,11-----

6.Ascending order-Arrangement of the numbers from smallest to largest is called ascending order.

7.Descending order -Arrangement of the numbers from largest to smallest is called descending order.

8.Place value-The value of digits depends on its place in the number.

Eg- P.V. of 2 in 2543 is 2000

P.V.of 5 in 2543 is 500

P.V.of 4 in 2543 is 40

P.V. of 3 in 2543 is 3.

9.Face value-The face value of a digit is the value of that digit itself at whatever place it may be.

Eg.- F.V.of 6 in 6783 is 6

F.V. of 8 in 6783 is 8.

In this unit we will study about Number in words, Expanded form and short form, place value and face value, ascending and descending no., successor and predecessor, Round off nearest 10, 100 and 1000 and also Roman numbers.

Now, some questions-

Q.1 Write the name of the following digits-

a) 8543-

Ans. Eight thousand five hundred and forty three only.

Q.2 Write the numerals-

a) Five thousand six hundred and twenty one

Ans-5621.

Q.3 Write in short form –

a) $5 \times 1000 + 3 \times 100 + 5 = 5305$

Q.4 Write in expanded form-

a) $5467 = 5 \times 1000 + 4 \times 100 + 6 \times 10 + 7$

Q.5 Write the predecessor and successor of each-

a) 1156, 1157, 1158

b) 6357, 6358, 6359

Q.6 Put the sign $>$, $<$ or $=$:

a) $1189 < 7653$

b) 8667 $>$ 6557

c) $3442 = 3442$

Q.7 Arrange in ascending order-

a) 7118, 6232, 5261, 6318 = 5261, 6232, 6318, 7118

Q.8 Arrange in descending order-

a) 1112, 336, 9001, 8213 = 9001, 8213, 1112, 336

Q.9 Round off the numbers to the nearest 10-

a] $48 = 50$

b] $787 = 790$

Q.10 Round off the numbers to the nearest 100-

a] $678 = 700$

b] $819 = 800$

Q.11 Round off the numbers to the nearest 1000-

a] $2913 = 3000$

b] $7468 = 7000$

Q.12 Write the roman numerals for each-

a] $30 = xxx$

b] $18 = xviii$

Q.13 Write the Hindu –Arabic numbers for each –

a] $xxv = 25$

b] $xxxix = 39$

Q.14 Form the greatest and smallest 4-digit numbers with the given digits-

a] 4, 6, 5 and 2

Greatest-6542

Smallest-2564

You can solve more questions related to this chapter at home.