Class VII Maths

Chapter – 1
NUMBERS SYSTEM

1) Natural numbers :- The counting numbers are called natural numbers. as :- 1; 2, 3, 4, 5 ... etc.

2) Whole numbers :- The collection of '0' and all natural numbers are called Whole numbers.

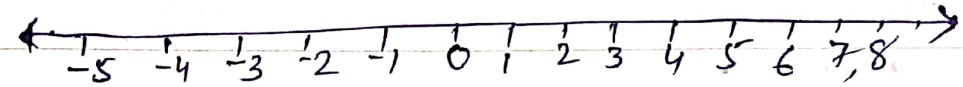
e.g. – 0, 1, 2, 3, 4, 5 ..... etc.

3) Integers :- The family of whole numbers and negative numbers are called Integers no.

e.g. → −5, −4, −3, −2, −1, 0, 1, 2, 3, 4 ... ete.

1, 2, 3, 4 are called +ve Integers and
−5, −4, −3, −2, −1 are called −ve Integers.

For example – rise in price is represented by +ve Integ and fall in price represent by −ve Integers.



4) Prime numbers → The numbers which have only two factors (1 and itself), are called Prime numbers.

e.g. 2, 3, 5, 7, 11, 13, 17, 19 ... etc.

5) Composite numbers :- Those numbers, who have more tha two factors are called Composite no.

e.g. – 4, 6, 8, 9, 10, 12, 14, ... etc

5] even no. → Those numbers, can be divide by 2 are calle even no. e.g. → 2, 4, 6, 8, 10 .. etc.

6) odd no. → Those no. can't be divide by 2 as – 1, 3, 5, 7, 9, ... etc.

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Chapter I

1) Add the following —
(a) 72 and −64
(b) −13 and −41.
(c) −68 and 76.
(d) 92 and −42.
(e) −416 and −216.

2. Subtract (−)
(a) 16 from 23. (b) 78 from 0
(c) −96 from 42 (d) −68 from −42.

3) Find the additive Inverse :—
(a) −42 (b) 66 (c) −98 (d) −200 (e) 198

4) The Sum of two Integers is −68. If one of them is −62 find the other.

5) Write the prime numbers between 1 to 50.

6) Write the composite numbers between 21 to 70.

7) Write in ascending order the following no.
3, 5, −2, 0, 6, 2, 4, −5, −7.

8) Write in descending order the following no.
8, −5, 6, 0, 7, 3, −4, 5,