Worksheet: - 3 Subject: - Mathematics Class:-V Teacher:-Mrs. Poonam Sunil

Name:-____ Class & Sec.:-___ Roll No.:-___ Date:-

Revision Assignment-1

Good Morning Students! Today we will do Divisibility Tests:-

- 1) <u>Divisibility by 2:-</u> A number is divisible by 2, if its ones place is either 0 or multiple of 2, i.e. 2,4,6,8,etc.
- 2) <u>Divisibility by 3:-</u> A number is divisible by 3, if the sum of digits is a multiple of 3.
- 3) <u>Divisibility by 4:-</u> A number is divisible by 4, if the number formed by its digits in tens and ones place is divisible by 4.
- 4) <u>Divisibility by 5:-</u> A number is divisible by 5, if its ones place is either 0 or 5.
- 5) <u>Divisibility by 6:-</u> A number is divisible by 6, f it is divisible by 2 and 3 both.
- 6) <u>Divisibility by 8:-</u> A number is divisible by 8, if the number formed by the last three digits
- 7) <u>Divisibility by 9:-</u> A number is divisible by 9, if the sum of its digits is divisible by 9.
- 8) <u>Divisibility by 10:-</u> A number is divisible by 10, if it has zero (0) in its ones place.

Exercise-4(A)

Q.5) Write 'P' for prime and 'C' for composite numbers.

a) 12 <u>C</u>	b) 31 <u>P</u>	c) 38 <u>C</u>		
d) 46 <u>C</u>	e) 61 <u>P</u>	f) 83 <u>P</u>		
b) 99 <u>C</u> h) 2 <u>P</u>		i) 1 <u>Neither P nor C</u>		
j) 107 <u>P</u>	k) 101 <u>P</u>	l) 73 <u>P</u>		

h c/ 21	54 d) 42	2	-112
- 4) 54 2	7 The second hard we want	2	56
3	9	2	28
3 -	3	2	14
a 5- 1 5-	1 - I mark in the shirther a	7	7
Prime lectors of	54 = 2×3×3×3	1	
June ground g	Prime fai	ctos	s of 112
is bill it is	0	2x:	2x2x2x7
A . V.	disinable to a and 3 cash	7,000	6
C) 144 2	144 e) 216	2	216
2	72	2	108
2	36	2	54
2	18	3	27
3	9	3	9.
3	3 pa staring and a	3	3
7	i it i lands by T		1-
Prime factors of	44 Prime fac	tor	of 216
· J J_	2×2×2×2×3×3 = 2	x 2	x 2x 3 x 3x 3

Q. 6) Write down the prime factors of the following numbers.