ITL PUBLIC SCHOOL
SUBJECT – MATHEMATICS
TOPIC – FACTORS AND MULTIPLES

Name- _____ **Class/Sec –V _____**

Q1.	**Fill in the blanks:** a)_____is a factor of every number. b) A factor is an exact_____ of the number. c) Every number has at least_____ factors. d) A number is a_____ number if it has more than two factors. e) Numbers which are exactly divisible by 2 are called _____. f) The smallest multiple of a number is the _____ . g)_____is a multiple of every number. h) The ninth multiple of 9 is _____ i) The greatest two digit prime number is _____. j) Factors of a number are _____ or ___ than the number k) 4x 5 = 20, then 4 and 5 are _____ of 20 l) 9 x 2= 18, then 18 is _____ of 9 and 2 m) The smallest composite number is _____
Q2.	Find out the even numbers. 27, 36, 48, 125, 360, 453, 518, 423, 54, 58, 917, 186, 423, 928, 358
Q3.	Find out the odd numbers. 10, 45, 78, 146, 347, 543, 495, 638, 497, 968, 729, 427, 624, 572
Q4.	Write the factors of the following: (i) 27 (ii) 32 (iii) 18 (iv) 45 (v) 25 (vi) 56 (vii) 68
Q5.	Write the first 5 multiples of : a) 12 b) 6 c) 8 d) 14 e) 11 f) 5
Q6.	Write the multiples of 6 which are greater than 20 and less than 50.
Q7.	Write all the Prime numbers between 30 and 50
Q8.	Find the least common multiple of 15 and 25
Q9	Find the LCM of : a) 16 and 24 b) 12 and 30 c) 24 and 30 d) 20 and 60

	e) 12, 15 and 20 f) 48 and 80 h) 24 and 18 i) 27 and 81
Q10	Write all the prime numbers between the following: a) 31 and 50 b) 50 and 90 c) 61 and 80 d) 21 and 30
Q11.	Write the multiples of 13 between 30 and 100
Q12	Encircle the numbers which are divisible by 5 230, 425, 1272, 868, 1620, 429 ,635
Q13	Using divisibility rule check whether the following numbers are divisible by 3 a) 282 b) 866 c) 4284 d)732
Q14	**State True or False:** (i) 1 is a composite number. (ii) All the odd numbers are the prime numbers. (iii) A composite numbers has at least 3 factors. (iv) A number is the greatest factor of itself. (v) 1 is a factor of every number. (vi) The multiples of a number are limited. (vii) A prime number is always even (viii) A number is either composite or prime. (ix) A prime number has only two factors. (x) Every multiple of a number is exactly divisible by the number.