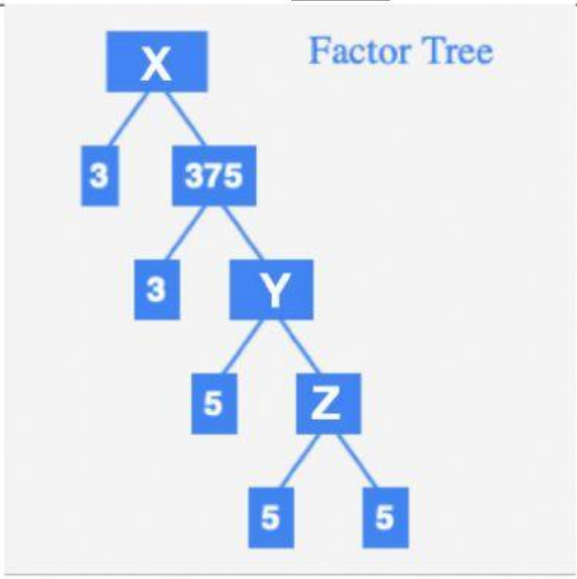
Name:_____ Date:_____ Revision 3

Playing with Numbers

S.no	Questions Max Time – 15 minutes	Max Marks 10
1	A 4 digit number 51*2 is divisible by 3, where * is the missing digit. Which of these **cannot** be the values of *? a. 9 b. 1 c. 4 d. 7	1
2	The prime factorisation of two digits is given below: 350 = 2 x 5 x 5 x 7 140 = 2 x 2 x 5 x 7 LCM = _____	1
3	True or False a. 54 is a prime number. b. 1 is the smallest prime number. c. The number of multiples of a given number is limited.	3
4	a) Are 8 and 15 Co-prime? b) What is their HCF? c) What is their LCM?	3
5	 Study the factor tree above and find the numbers that will come in place of X, Y and Z.	3