

Worksheet-1 Subject: - Mathematics Class: - VI Teacher: - Mrs. Poonam Sunil

Name: _____ Class & Sec: _____ Roll No. _____ Date: 23.07.2020

Good morning students! Today, we will start from test for divisibility of numbers. We can find a pattern that can tell us whether a number is divisible by 2, 3, 4, 5, 6, 8, 9, 10 or 11.

1. Divisibility by 10: If a number has 0 in the ones place then it is divisible by 10.
2. Divisibility by 5: If a number which has either 0 or 5 in its ones place, is divisible by 5.
3. Divisibility by 2: If a number is divisible by 2 if it has any of the digits 0, 2, 4, 6 or 8 in its ones place.
4. Divisibility by 3: If the sum of the digits is a multiple of 3 then the number is divisible by 3.
5. Divisibility by 6: If a number is divisible by 2 and 3 both then it is divisible by 6 also.
6. Divisibility by 4: If the number formed by its last two digits (i.e. ones and tens) is divisible by 4.
7. Divisibility by 8: If a number formed by last three digits is divisible by 8.
8. Divisibility by 9: If the sum of the digits of a number is divisible by 9 then the number is divisible by 9.
9. Divisibility by 11: Find the difference between the sum of the digits at odd places (from the right) and the sum of the digits at even places (from the right) of the number. If the differences is either 0 or divisible by 11, then the number is divisible by 11.

Today's class is over. For the next class, you learn these rules. Next I will meet you on Saturday Good bye, stay safe and healthy.