

# Mathematics

STD - VI

## Divisibility Rules:-

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A number is divisible by

Number	Divisibility Rule
2	If its ones digit is 0, 2, 4, 6 or 8
3	If the sum of all the digits of the given number is divisible by 3.
4	If the number formed by last two digits is divisible by 4.
5	If the ones digit is 0 or 5
6	If the number divisible by both 2 and 3
7	If the difference between twice the ones digit and the number formed by the other digits is either zero or a multiple of seven.
8	If the number formed by the last three digits is divisible by 8
9	If the sum of all the digits is divisible by 9.
10	If the ones digit is zero
11	If the difference of the sum of its digits

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at odd and even places is or any multiple of 11.

12 If it is divisible by both 3 and 4

15 If it is divisible by both 3 and 5

16 If the number formed by its last four digits is divisible by 16.

25 If the number formed by its last two digits is divisible by 25.

⊙ Special case -

If two numbers are divisible by a number then their sum and difference are also divisible by that number.