

Divisibility Rules

Use the rules for 2, 3, 4, 5, 6, and 9 as a reference.

1.

Divisible by 2

The ones digit is even: 0, 2, 4, 6, or 8.

Divisible by 3

The sum of the digits is divisible by 3.

Divisible by 4

The last two digits form a multiple of 4.
Equivalently, ones + twice the tens is divisible by 4.
If tens is even, ones is 0, 4, or 8; if tens is odd, ones is 2 or 6.

Divisible by 5

The ones digit is 0 or 5.

Divisible by 6

The number is divisible by both 2 and 3.

Divisible by 9

The sum of the digits is divisible by 9.