

Divisibility Rules

Divisibility Test for 2

An integer is divisible by 2 if and only if its units digit is divisible by 2 (i.e. its units digit is even).

Divisibility Test for 3

An integer is divisible by 3 if and only if the sum of its digits is divisible by 3.

Divisibility Test for 4

An integer is divisible by 4 if and only if the last two digits of the integer represent a number divisible by 4.

Divisibility Test for 5

An integer is divisible by 5 if and only if its units digit is divisible by 5 (i.e. its units digit is 0 or 5).

Divisibility Test for 6

An integer is divisible by 6 if and only if it is divisible by both 2 and 3.

Divisibility Test for 8

An integer is divisible by 8 if and only if the last three digits of the integer represent a number divisible by 8.

Divisibility Test for 9

An integer is divisible by 9 if and only if the sum of its digits is divisible by 9.

Divisibility Test for 10

An integer is divisible by 10 if and only if its units digit is divisible by 10 (i.e. its units digit is 0).