Divisibility Rules (1 to 11)

Rule for 1:

Every number is divisible by 1.

Rule for 2:

A number is divisible by 2 if its last digit is even (0, 2, 4, 6, or 8).

Rule for 3:

A number is divisible by 3 if the sum of its digits is divisible by 3.

Rule for 4:

A number is divisible by 4 if the last two digits form a number divisible by 4.

Rule for 5:

A number is divisible by 5 if it ends in 0 or 5.

Rule for 6:

A number is divisible by 6 if it is divisible by both 2 and 3.

Rule for 7:

Take the last digit, double it, and subtract it from the rest of the number. If the result is divisible by 7, then the original number is too.

Rule for 8:

A number is divisible by 8 if the last three digits form a number divisible by 8.

Rule for 9:

A number is divisible by 9 if the sum of its digits is divisible by 9.

Rule for 10:

A number is divisible by 10 if it ends in 0.

Rule for 11:

Alternate digit sum rule: Subtract and add digits in alternating order. If the result is divisible by 11

(including 0), the number is divisible by 11.