

Divisibility Rules

Divisibility Rule for 2:

If a number is even (it ends in 0, 2, 4, 6, or 8) then it is divisible by 2

Divisibility Rule for 3:

A number is divisible by 3 if its digits add to something that is divisible by 3

Divisibility Rule for 4:

A number is divisible by 4 if the last two digits as a number divides by 4

Divisibility Rule for 5:

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

Divisibility Rule for 6:

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

Divisibility Rule for 7:

A number is divisible by 7 if the difference between twice the last digit of the number and the remaining part of the number is a multiple of 7, or is 0

Divisibility Rule for 9:

A number is divisible by 9 if its digits add to something that is divisible by 9

Divisibility Rule for 10:

A number is divisible by 10 if it ends in 0