

DIVISIBILITY RULES

Divisibility

Dividing a whole number by another whole number evenly or without a remainder.

Divisibility Rules for 2

A number is divisible by 2 if its last digit is 0, 2, 4, 6, or 8. All even numbers are divisible by 2.

52 734

93 450

Divisibility Rules for 3

A number is divisible by 3 if the sum of all the digits is divisible by 3 or a multiple of 3.

$$345 = 3 + 4 + 5 = 12$$

Divisibility Rules for 4

A number is divisible by 4 if its last two digits form a number that is divisible by 4 or if its last two digits are both zeros.

16 324

52 636

Divisibility Rules for 5

A number is divisible by 5 if its last digit is 0 or 5.

42 630

21 975