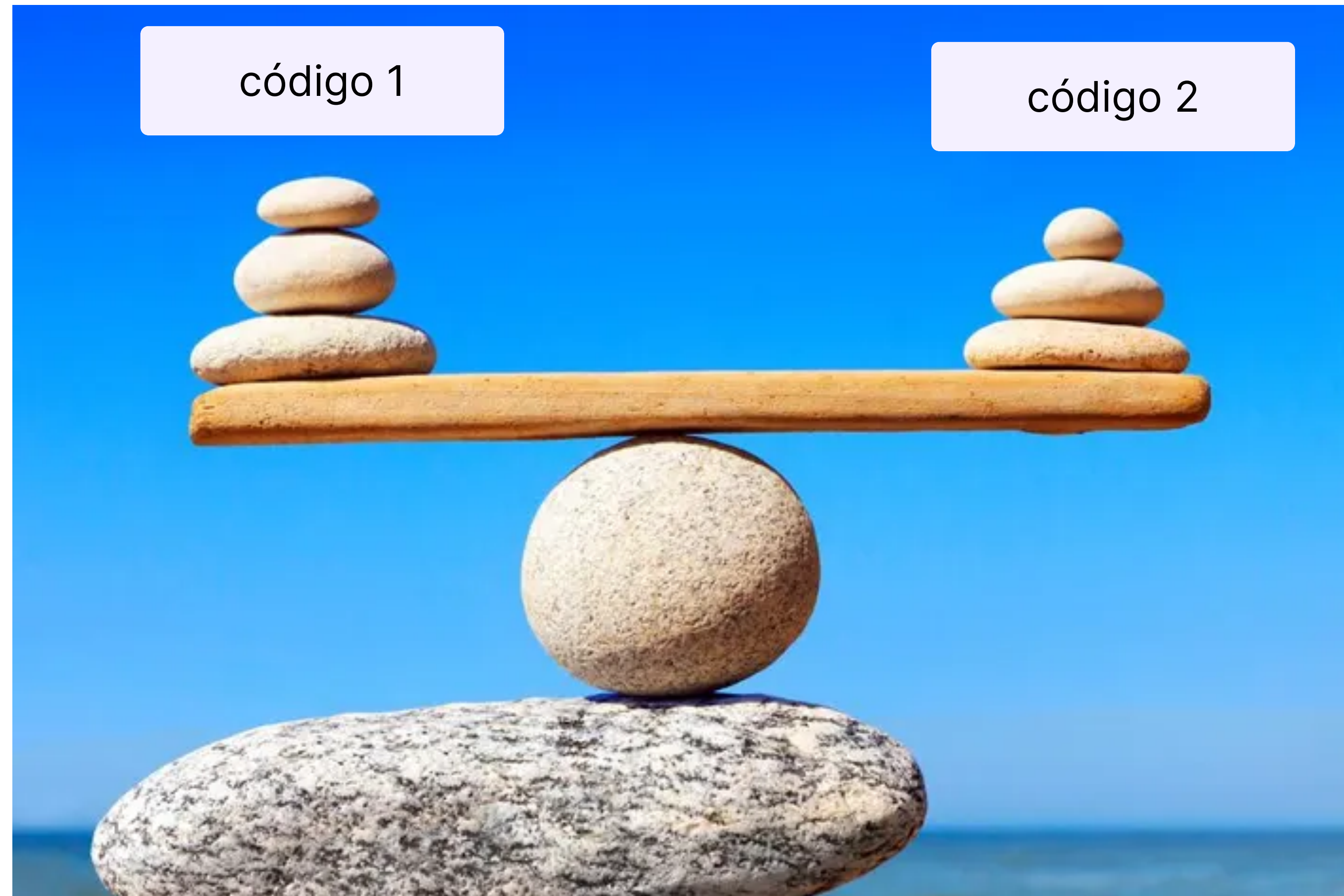
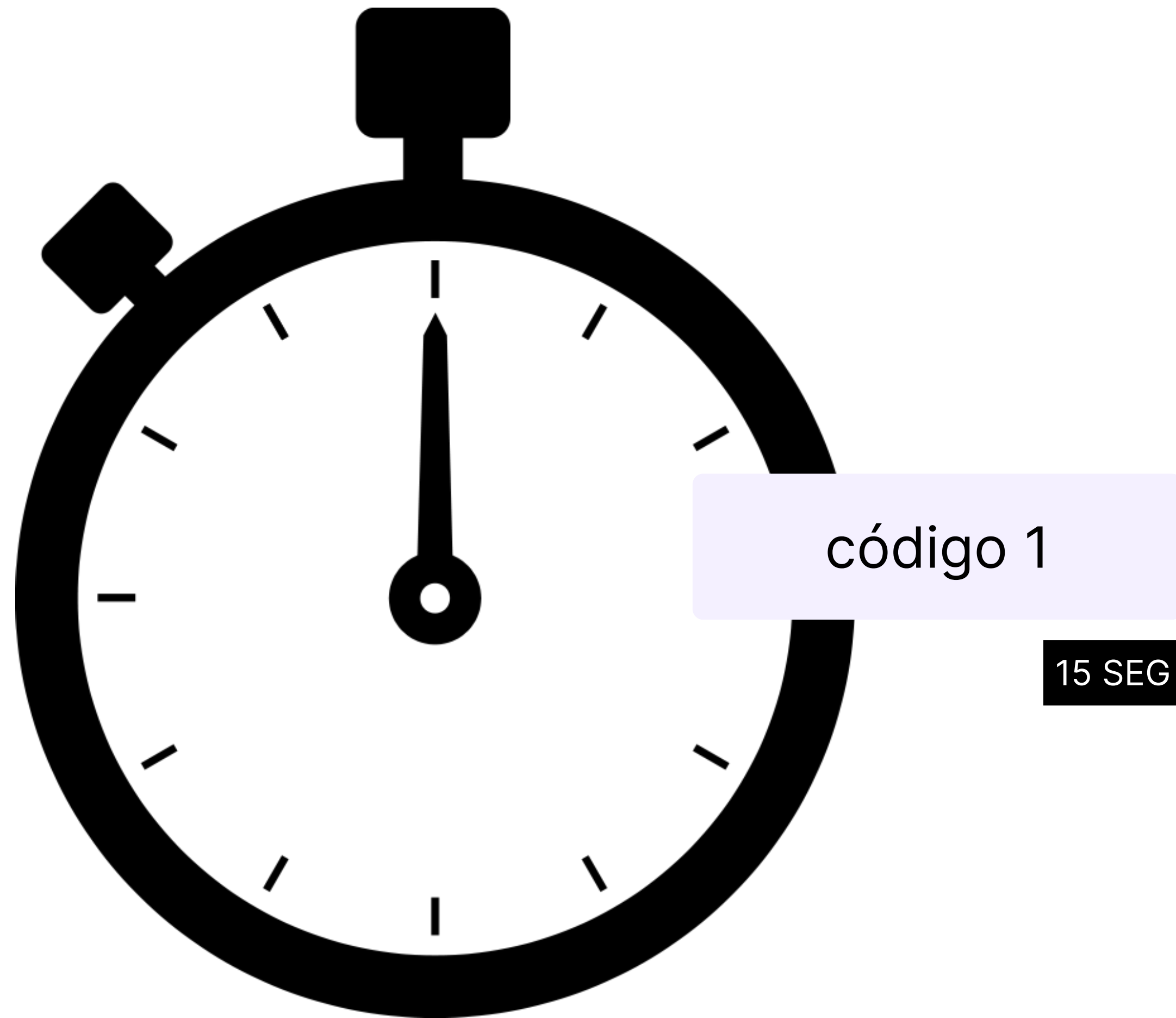


BIG O NOTATION

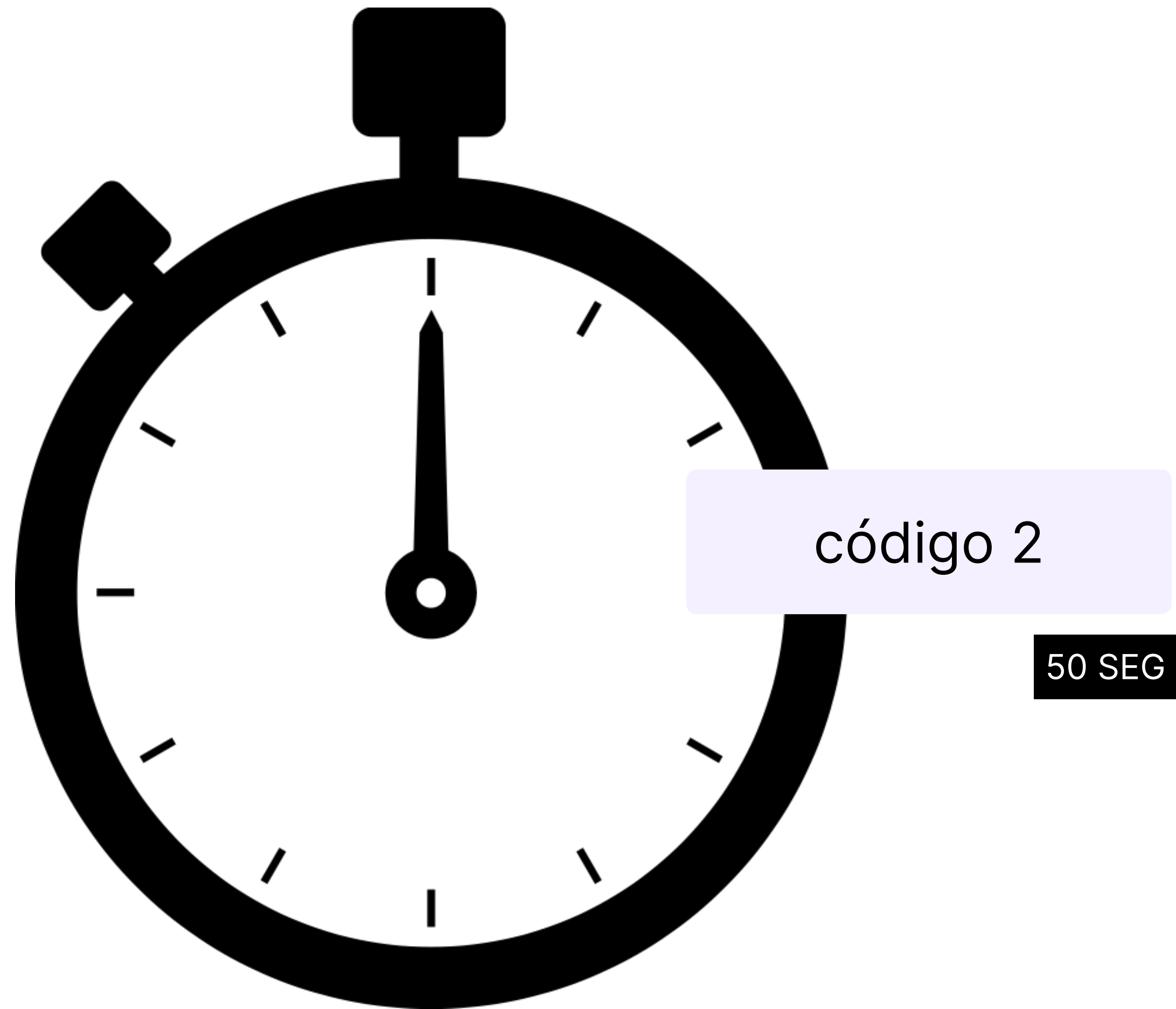


BIG O NOTATION

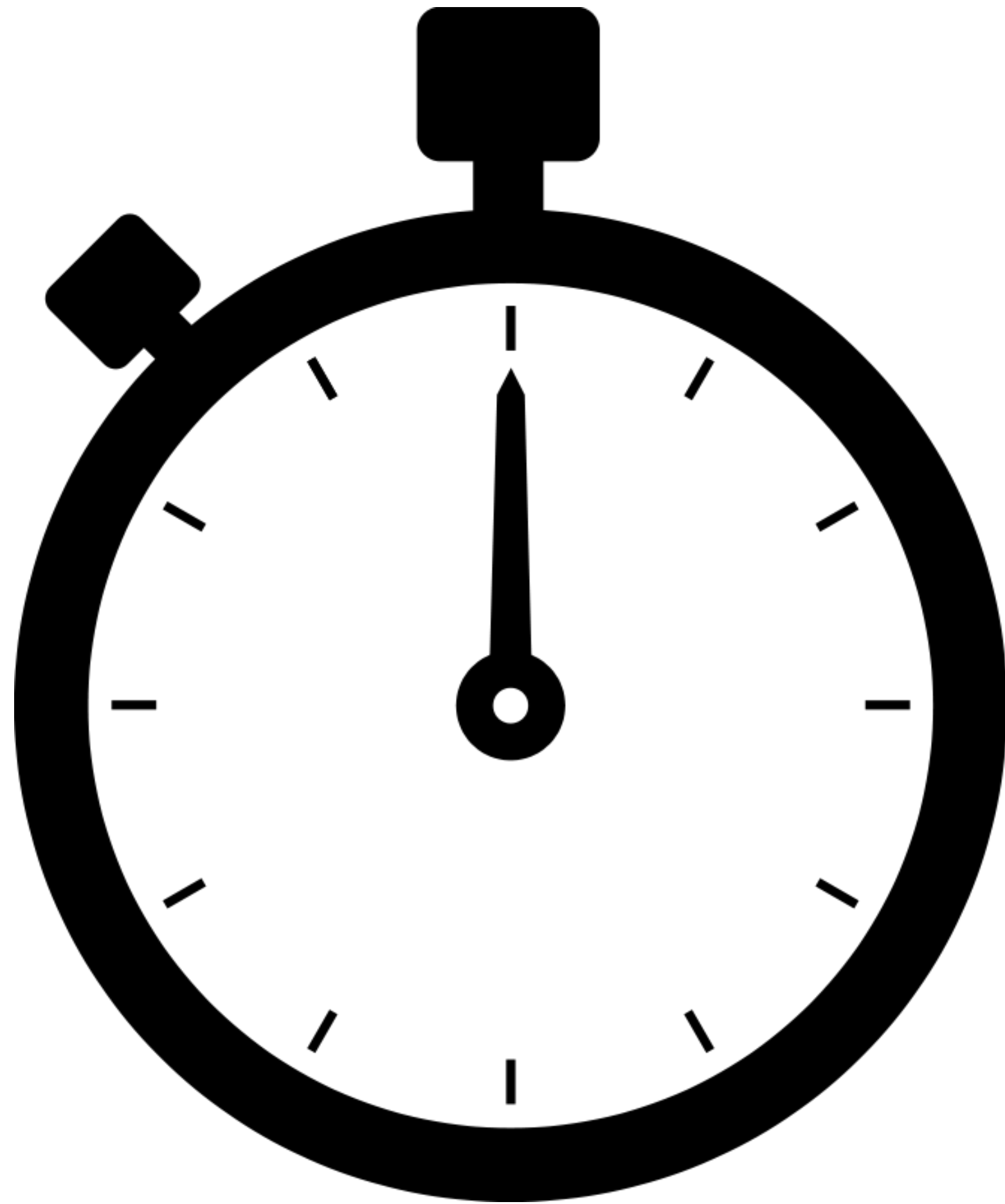


código 2

BIG O NOTATION

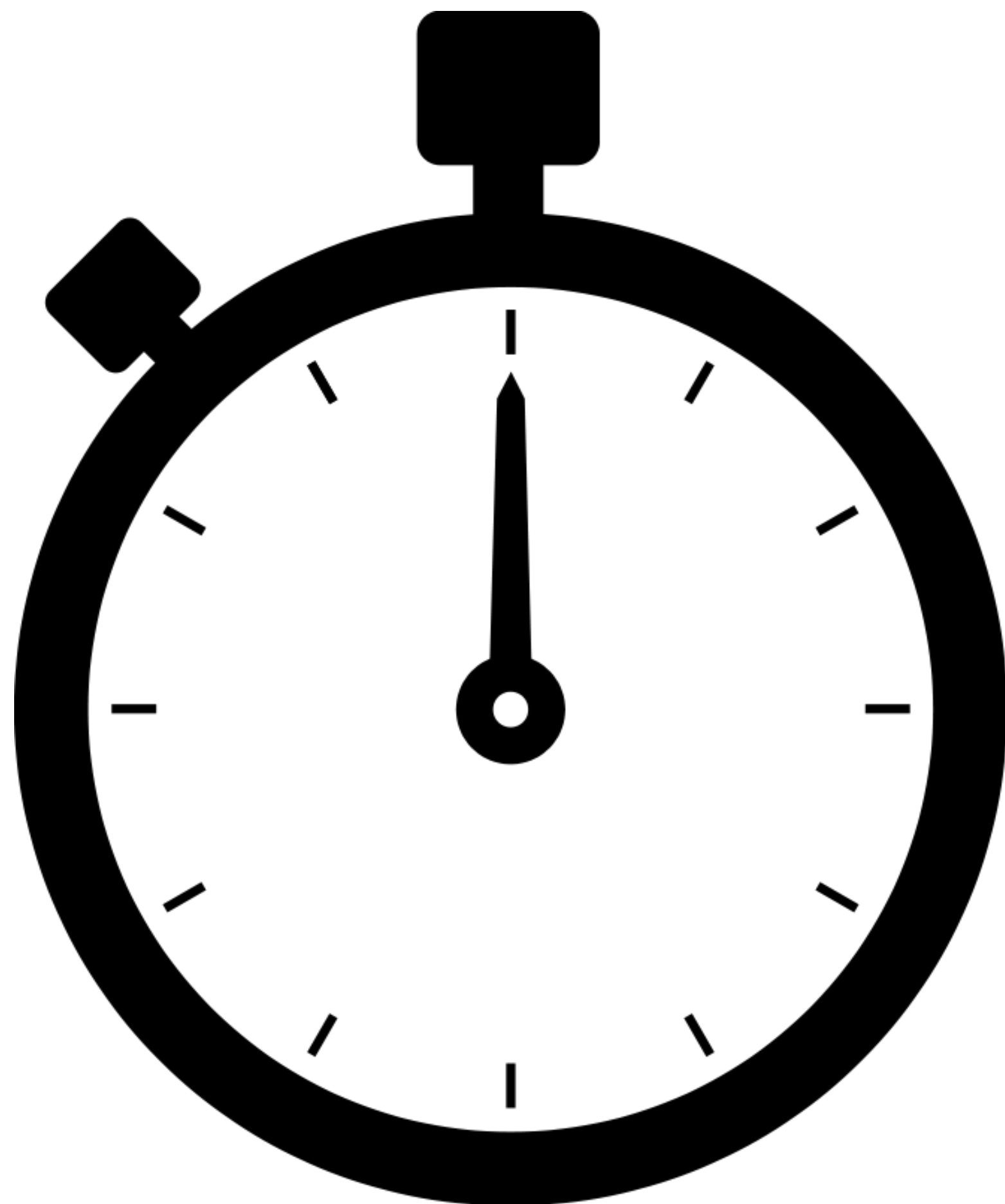


BIG O NOTATION



**EFICIENCIA
DE TIEMPO**

BIG O NOTATION



COMPLEJIDAD
DE TIEMPO

COMPLEJIDAD
DE ESPACIO

BIG O NOTATION

Ω

Θ

O

BIG O NOTATION



Ω

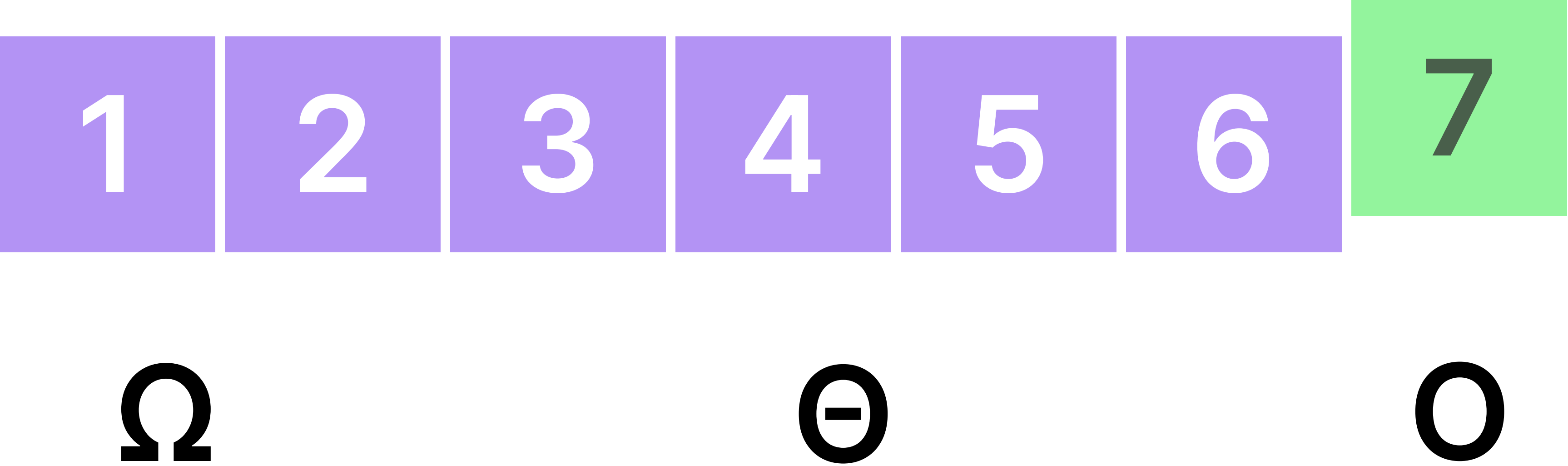
BIG O NOTATION



Ω

Θ

BIG O NOTATION

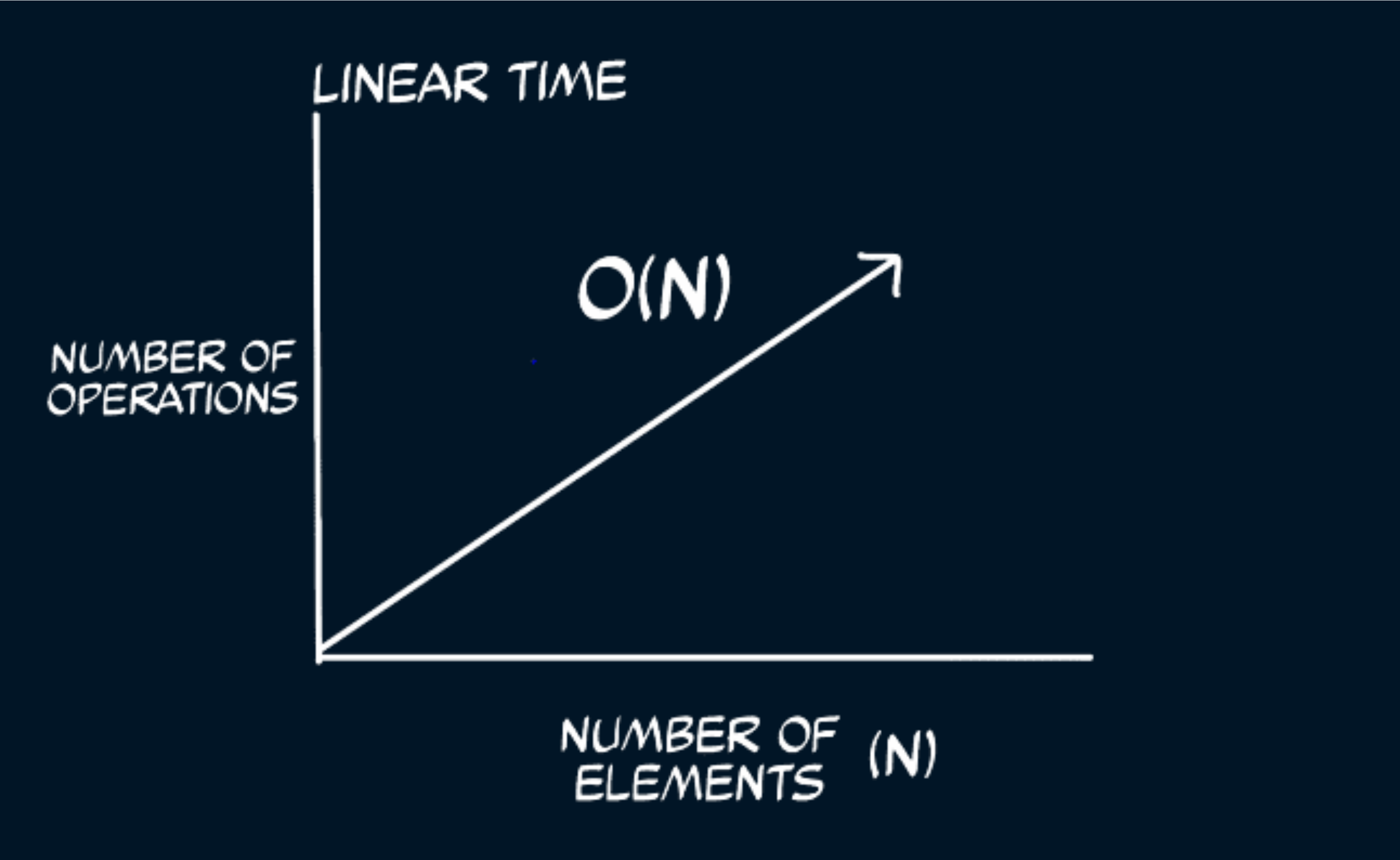


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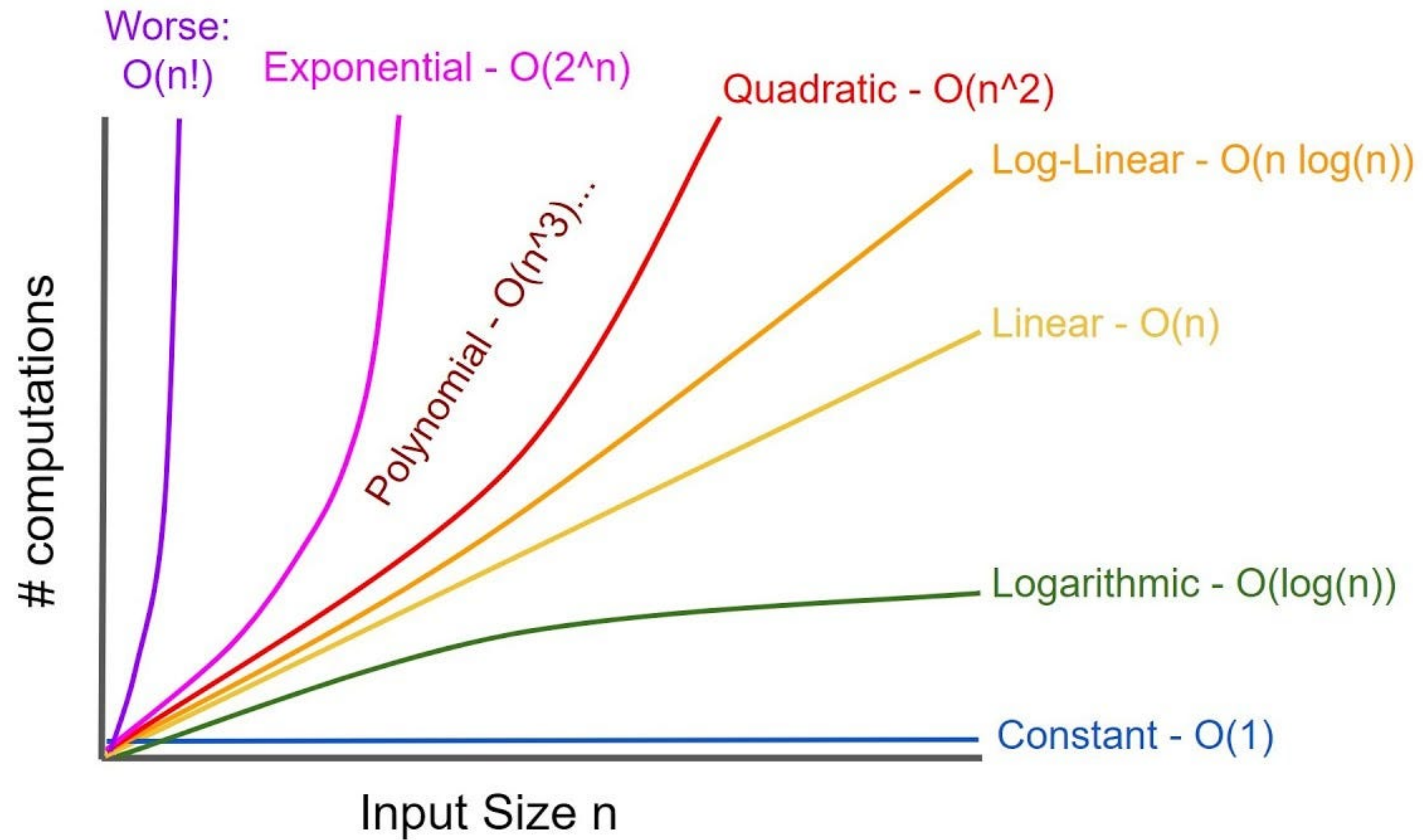
$O(n)$

→ Cuántas veces se ha ejecutado la operación.

BIG O NOTATION



BIG O NOTATION



LINKED LISTS

11	3	23	7
0	1	2	3

LINKED LISTS



LINKED LISTS

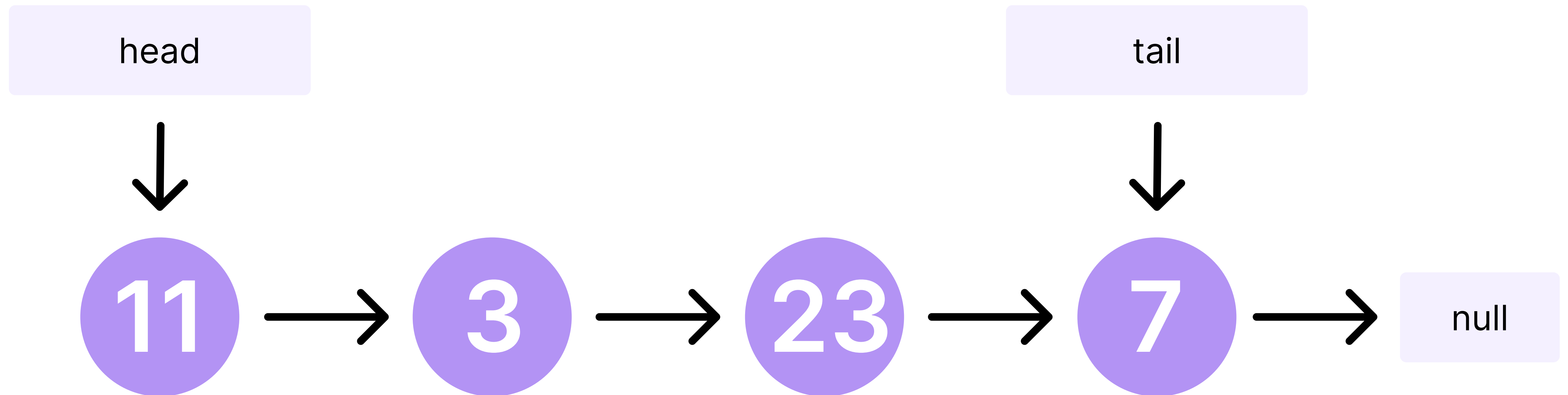
11

3

23

7

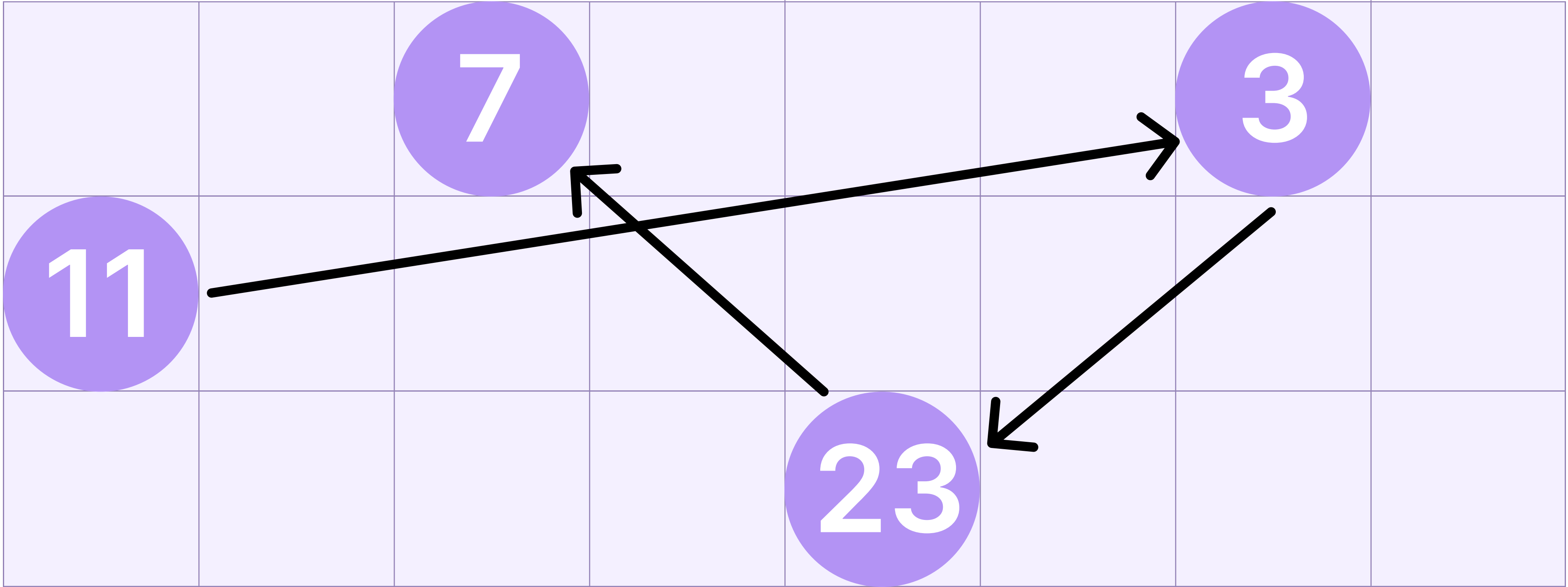
LINKED LISTS



LINKED LISTS

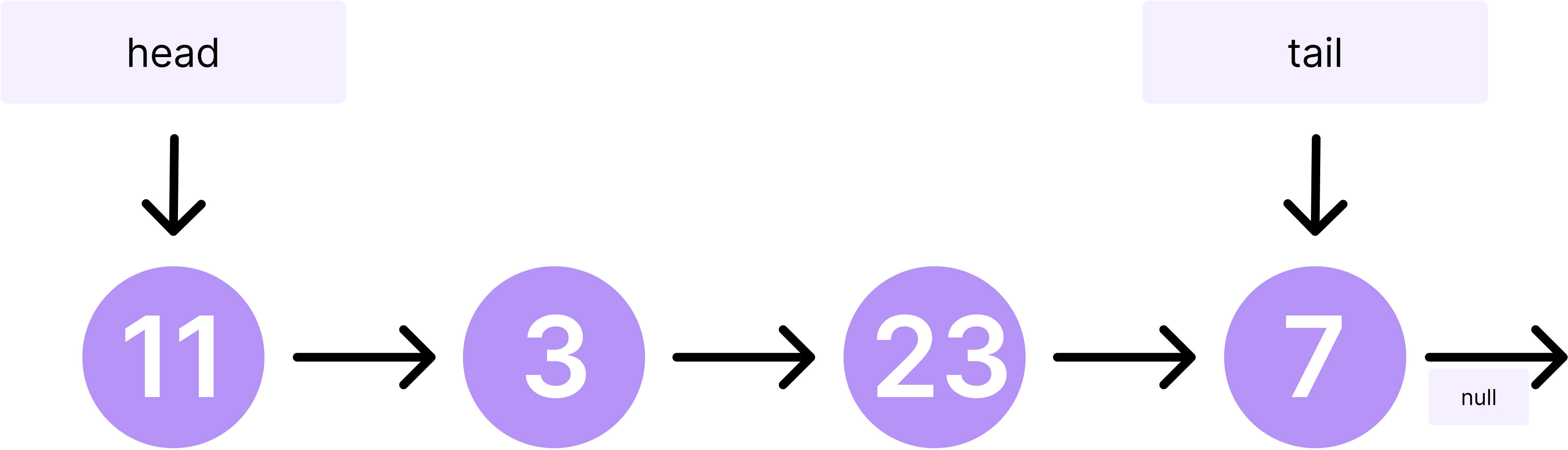
		11	3	23	7		

LINKED LISTS



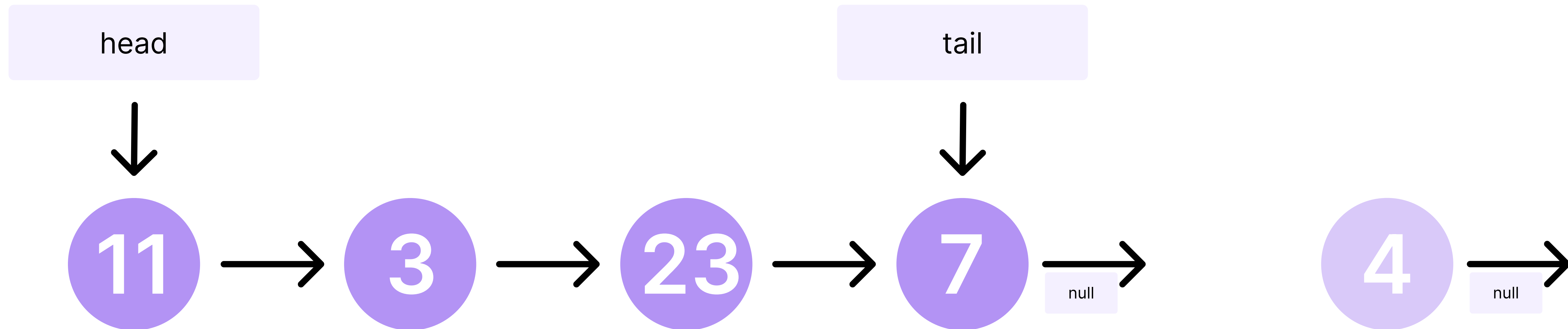
LINKED LISTS

agregar un elemento



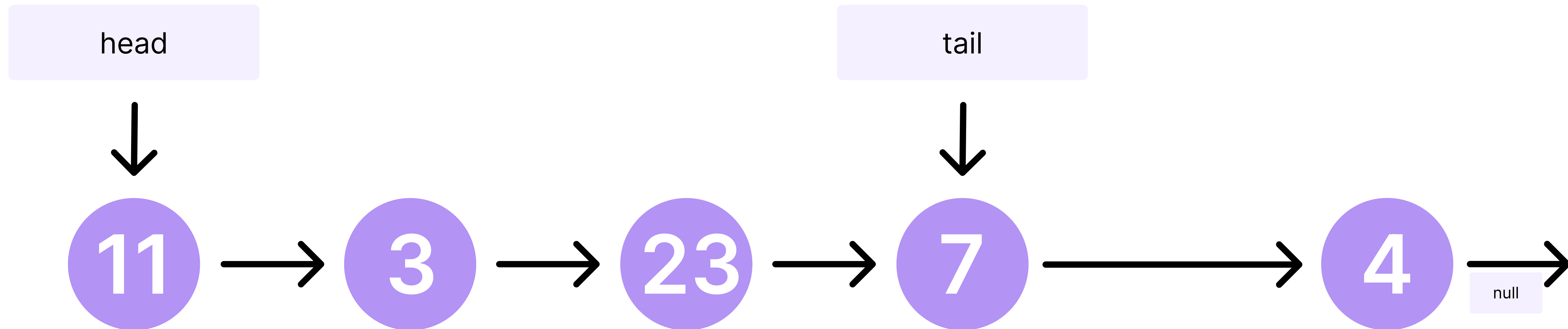
LINKED LISTS

agregar un elemento



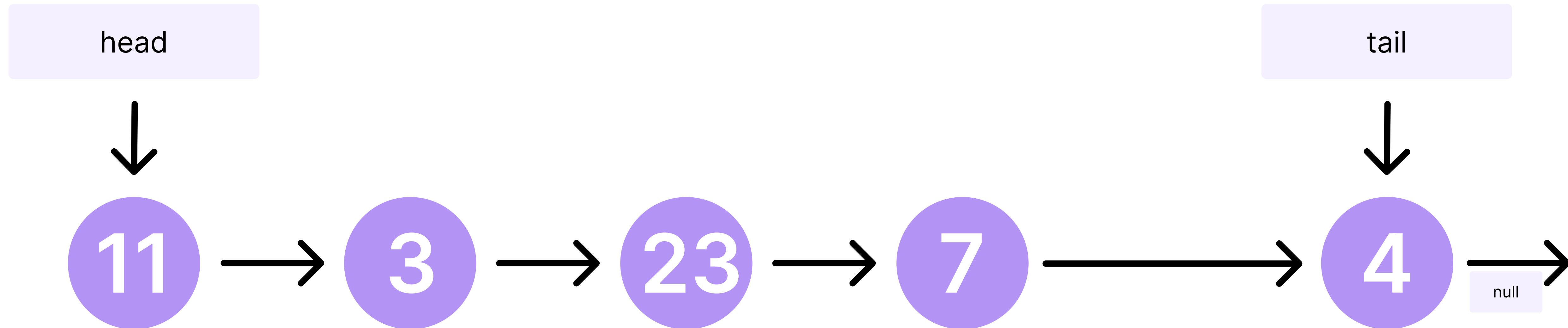
LINKED LISTS

agregar un elemento



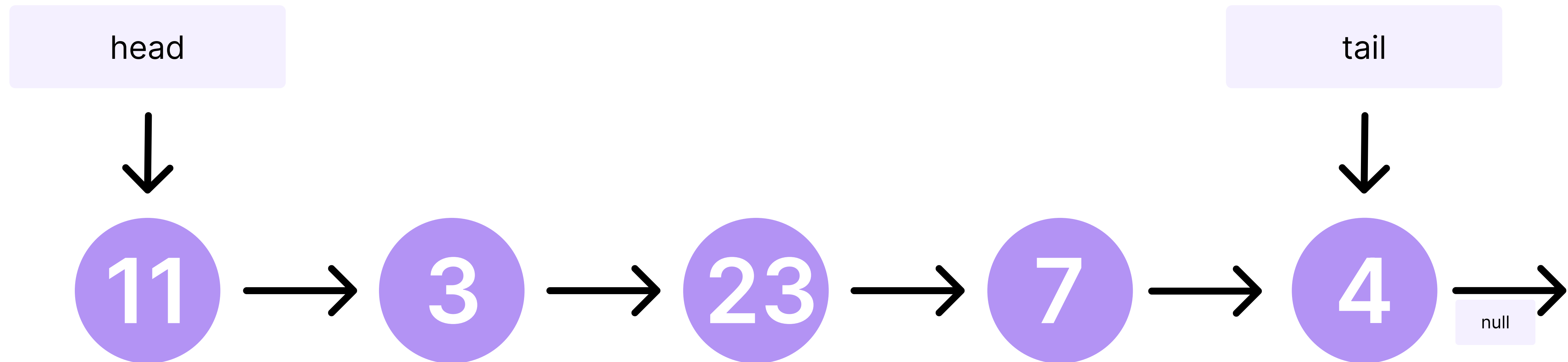
LINKED LISTS

agregar un elemento



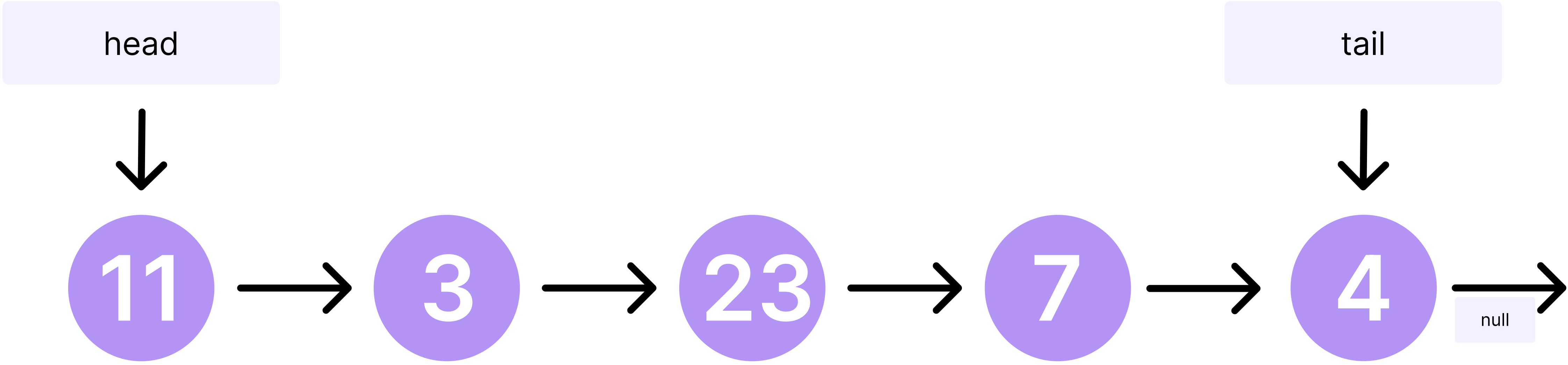
LINKED LISTS

agregar un elemento



LINKED LISTS

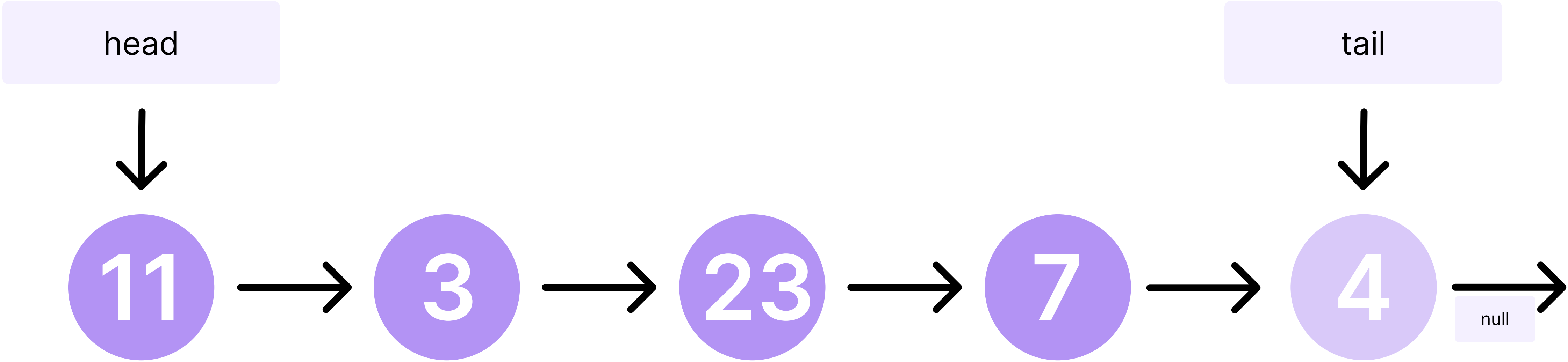
agregar un elemento



$O(1)$

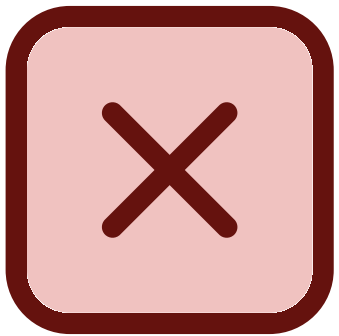
LINKED LISTS

eliminar un elemento



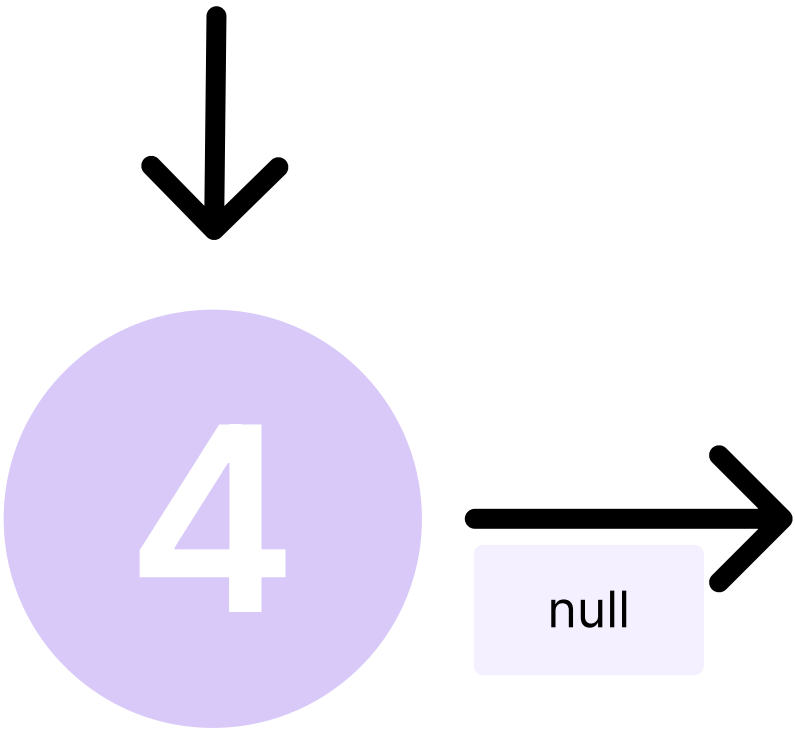
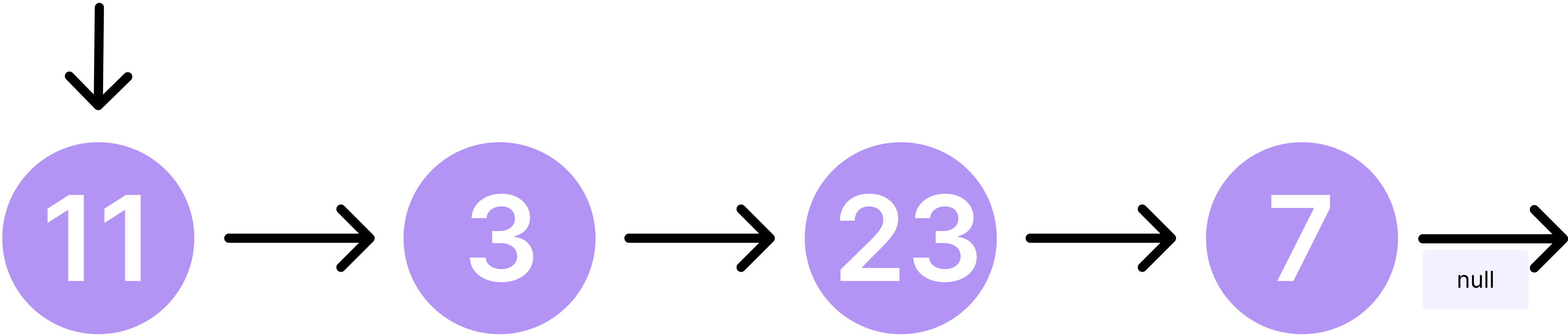
LINKED LISTS

eliminar un elemento



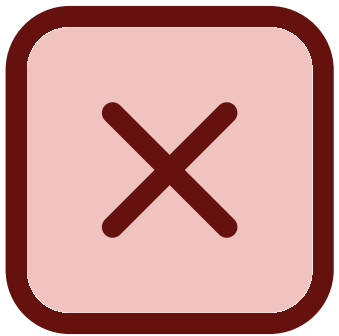
head

tail



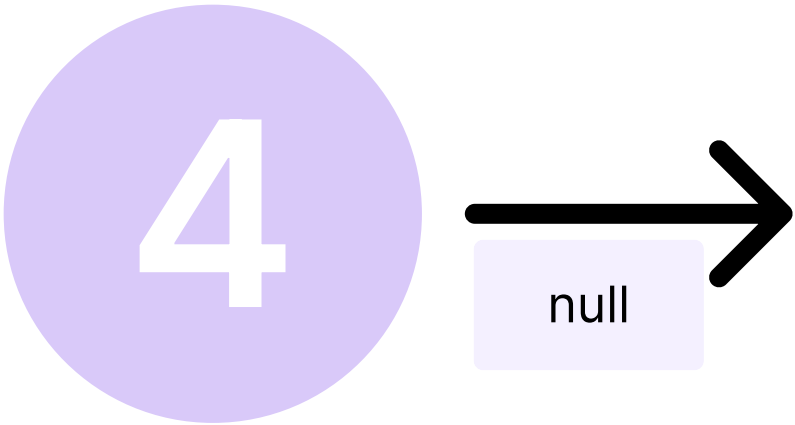
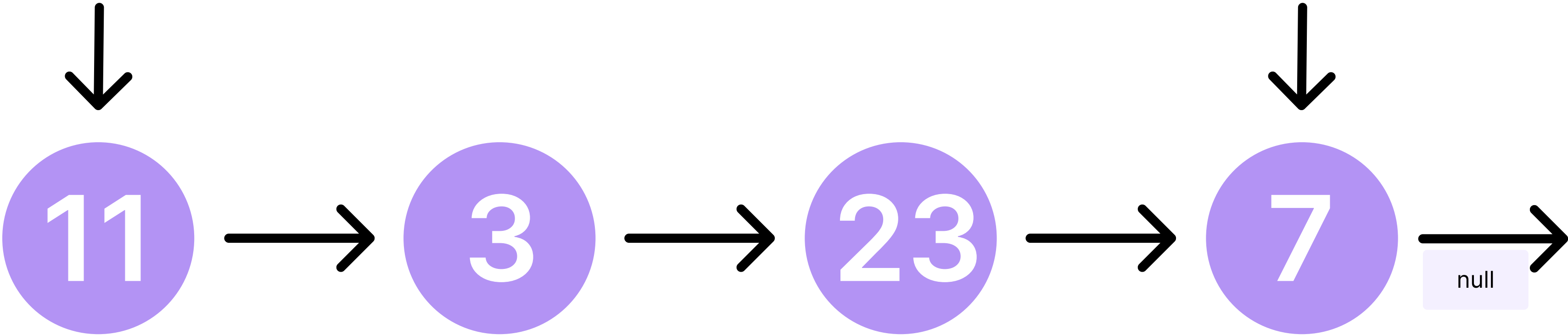
LINKED LISTS

eliminar un elemento



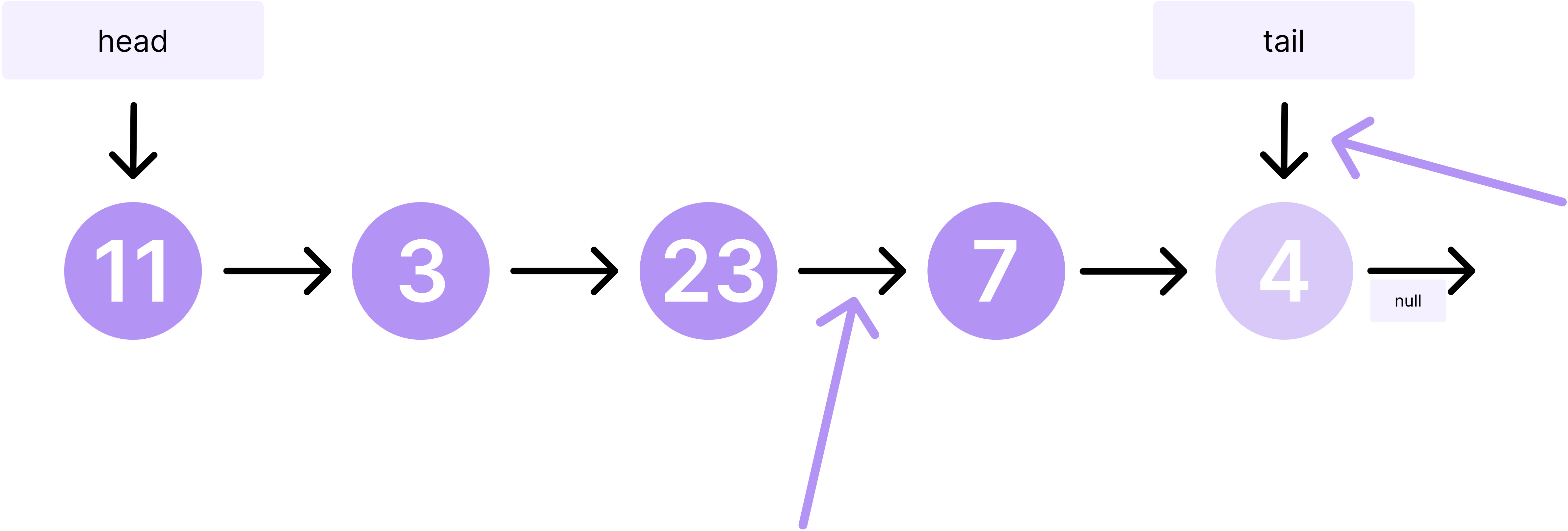
head

tail



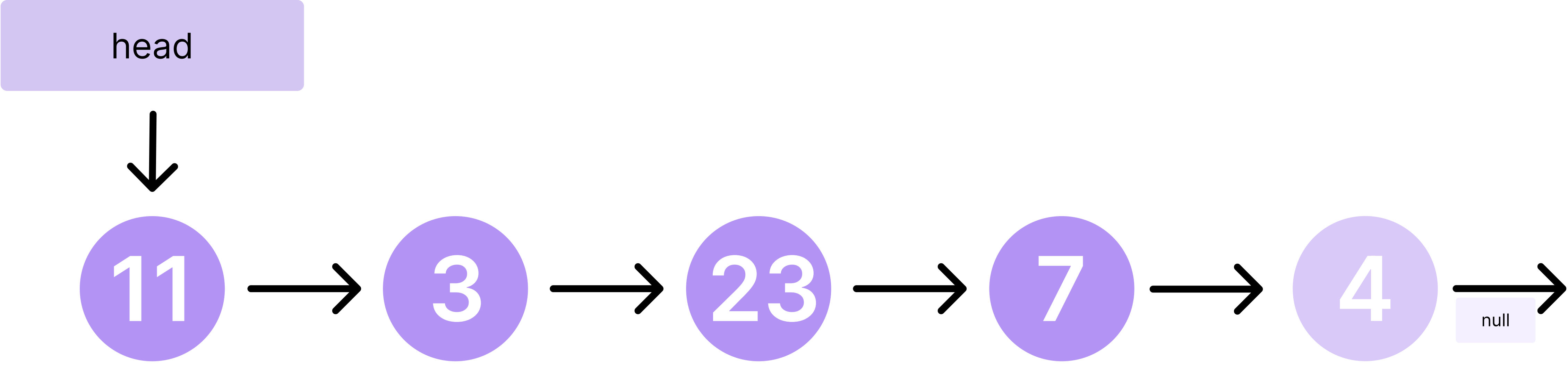
LINKED LISTS

eliminar un elemento



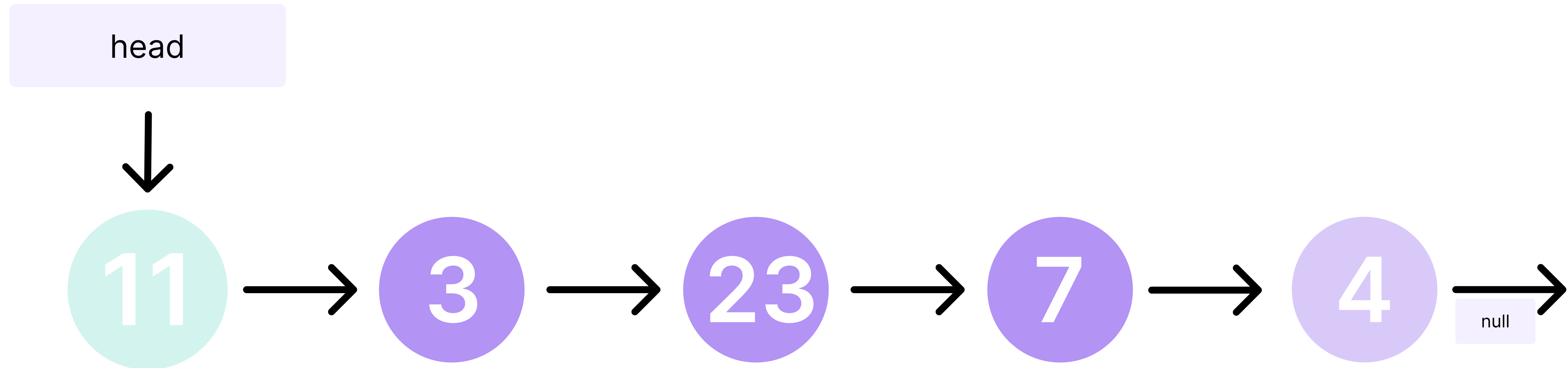
LINKED LISTS

eliminar un elemento



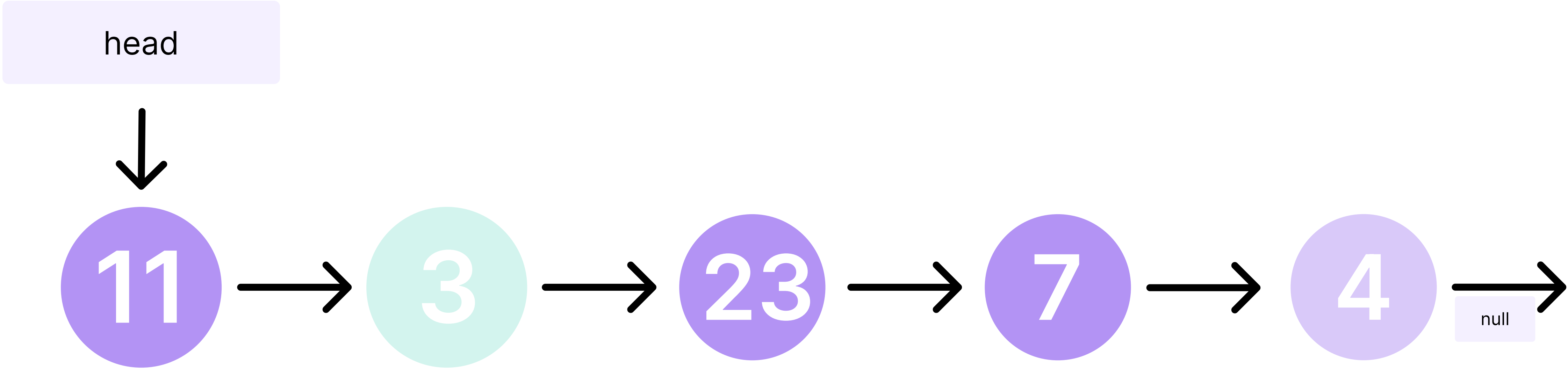
LINKED LISTS

eliminar un elemento



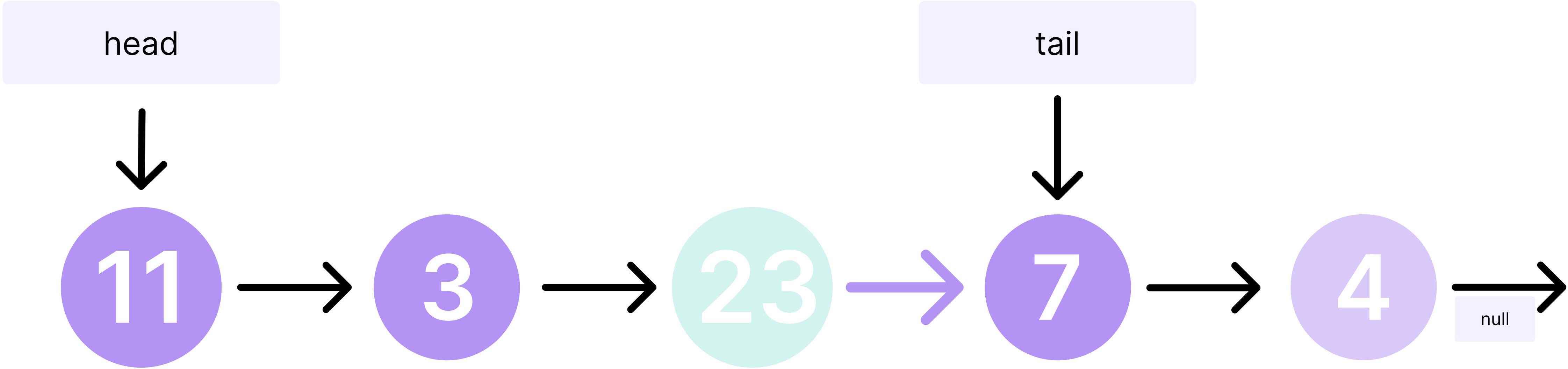
LINKED LISTS

eliminar un elemento



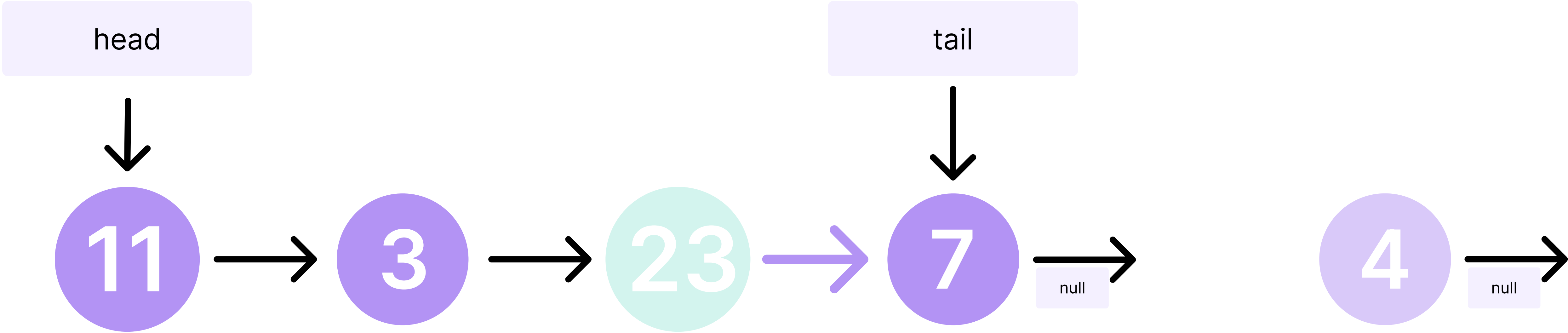
LINKED LISTS

eliminar un elemento



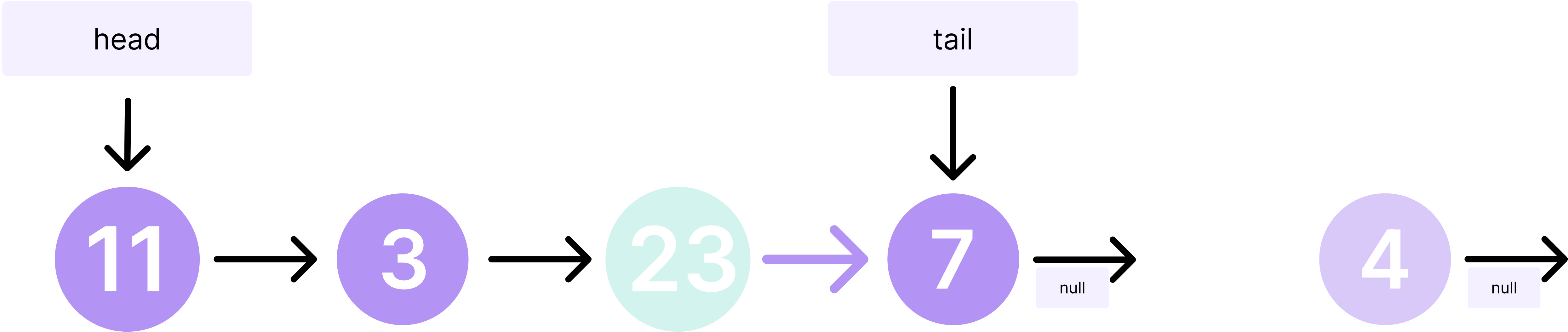
LINKED LISTS

eliminar un elemento



LINKED LISTS

eliminar un elemento



$O(n)$

LINKED LISTS

	Linked Lists	Arrays
Push	$O(1)$	$O(1)$
Pop	$O(n)$	$O(1)$
Shift	$O(1)$	$O(n)$
Unshift	$O(1)$	$O(n)$
Insert	$O(n)$	$O(n)$
Delete	$O(n)$	$O(n)$
Lookup by Index	$O(n)$	$O(1)$
Lookup by Value	$O(n)$	$O(n)$