

bit $\begin{cases} \rightarrow '0' \\ \rightarrow '1' \end{cases}$

Byte = 8 bit

Π.x: $\underbrace{01101110}_{8\text{bit}} \Rightarrow \Pi.x \text{ "A"}$

$\begin{matrix} \times 1000 \\ \uparrow \\ 1 \text{ KB} = 1024 \text{ Byte} \approx 1000 \text{ Byte} \end{matrix}$

$\begin{matrix} \times 1000 \\ \uparrow \\ 1 \text{ MB} = 1024 \text{ KB} \approx 1000 \text{ KB} \end{matrix}$

$\begin{matrix} \times 1000 \\ \uparrow \\ 1 \text{ GB} = 1024 \text{ MB} \approx 1000 \text{ MB} \end{matrix}$

$\begin{matrix} \times 1000 \\ \uparrow \\ 1 \text{ TB} = 1024 \text{ GB} \approx 1000 \text{ GB} \end{matrix}$

$\begin{matrix} \times 1000 \\ \uparrow \\ 1 \text{ PB} = 1024 \text{ TB} \approx 1000 \text{ TB} \end{matrix}$

ΠΑΡΑΔΕΙΓΜΑΤΑ

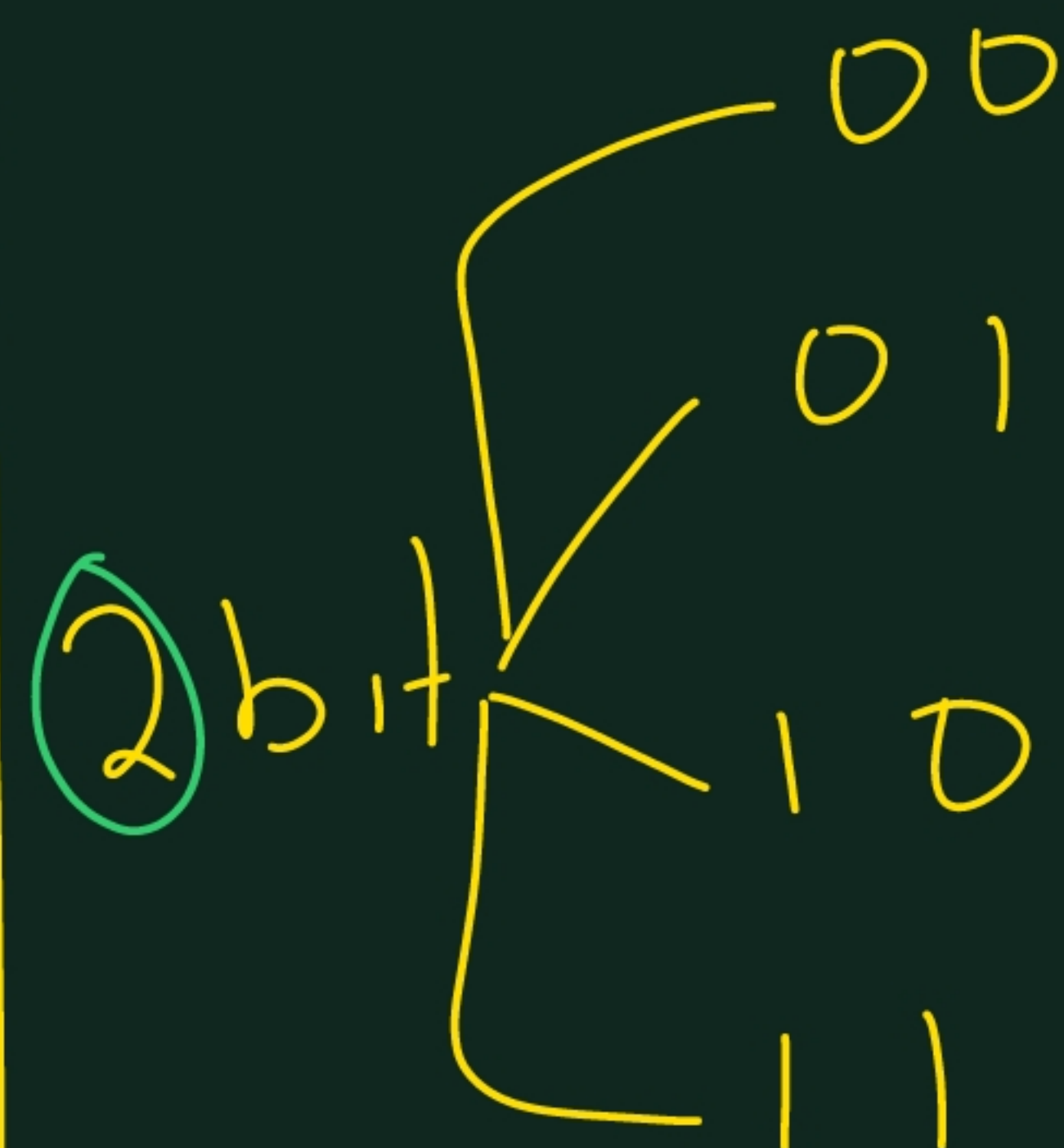
3200 KB = 3,2 MB?

5,1 GB = 5100 MB?

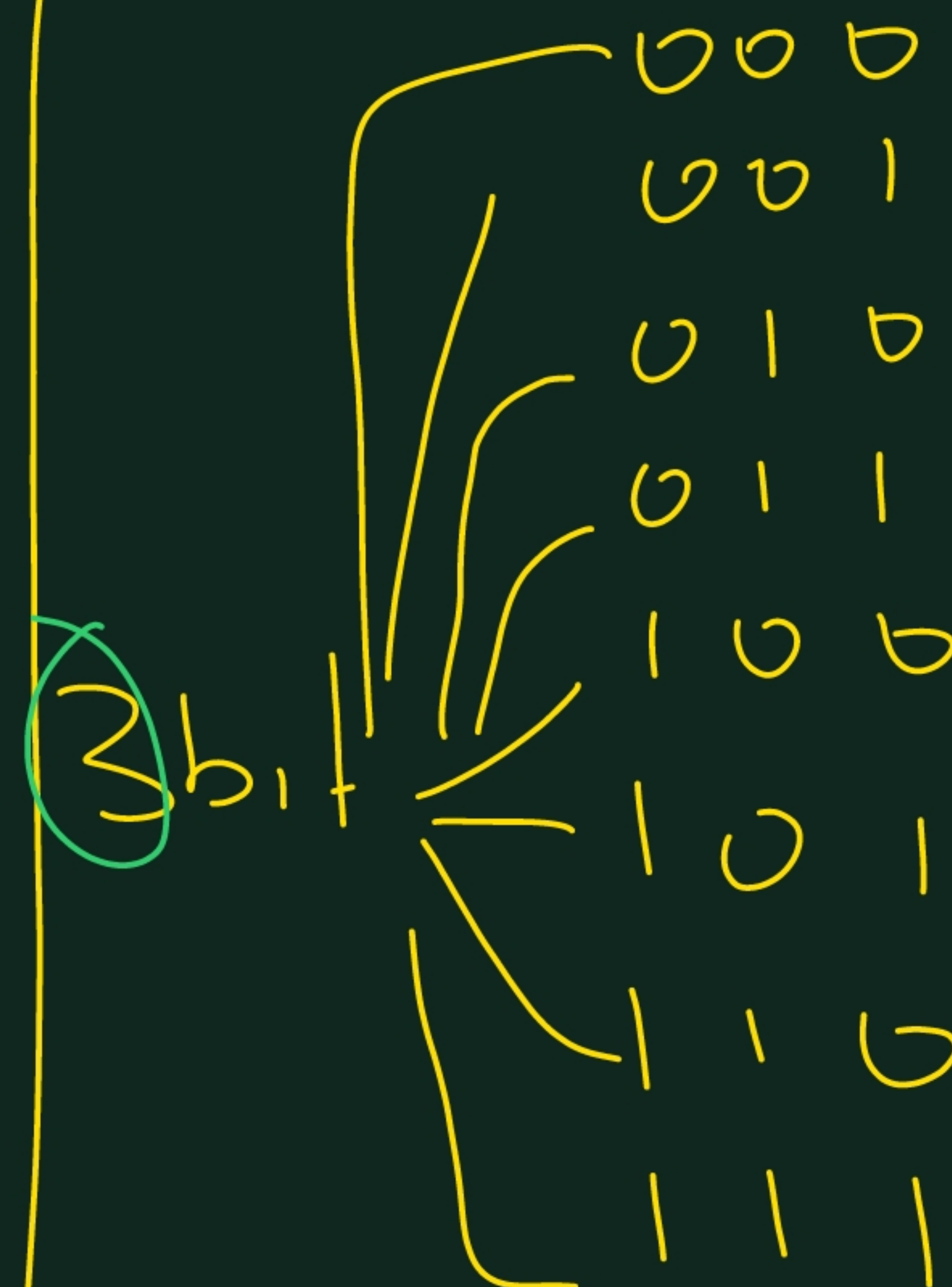
32.000 KB = 32 MB = 0,032 GB?



$$2 = 2^1$$



$$4 = 2^2$$



$$8 = 2^3$$



$$16 = 2^4$$

5 bit

$$32 = 2^5$$

8 bit

$$2^8$$

3

128	64	32	16	8	4	2	1
2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
*	*	*	*	*	*	*	*
0	1	1	1	0	0	1	1

$$0 + 64 + 32 + 16 + 0 + 0 + 2 + 1 = 115$$

Ευρώπη

4

128	64	32	16	8	4	2	1
2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
*	*	*	*	*	*	*	*
1	1	1	0	1	0	1	1

$$128 + 64 + 32 + 0 + 8 + 0 + 2 + 1 = 235$$

Παύλος

5

128	64	32	16	8	4	2	1
2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
*	*	*	*	*	*	*	*
0	1	0	0	1	1	0	1

$$0 + 64 + 0 + 0 + 8 + 4 + 0 + 1 = 77$$

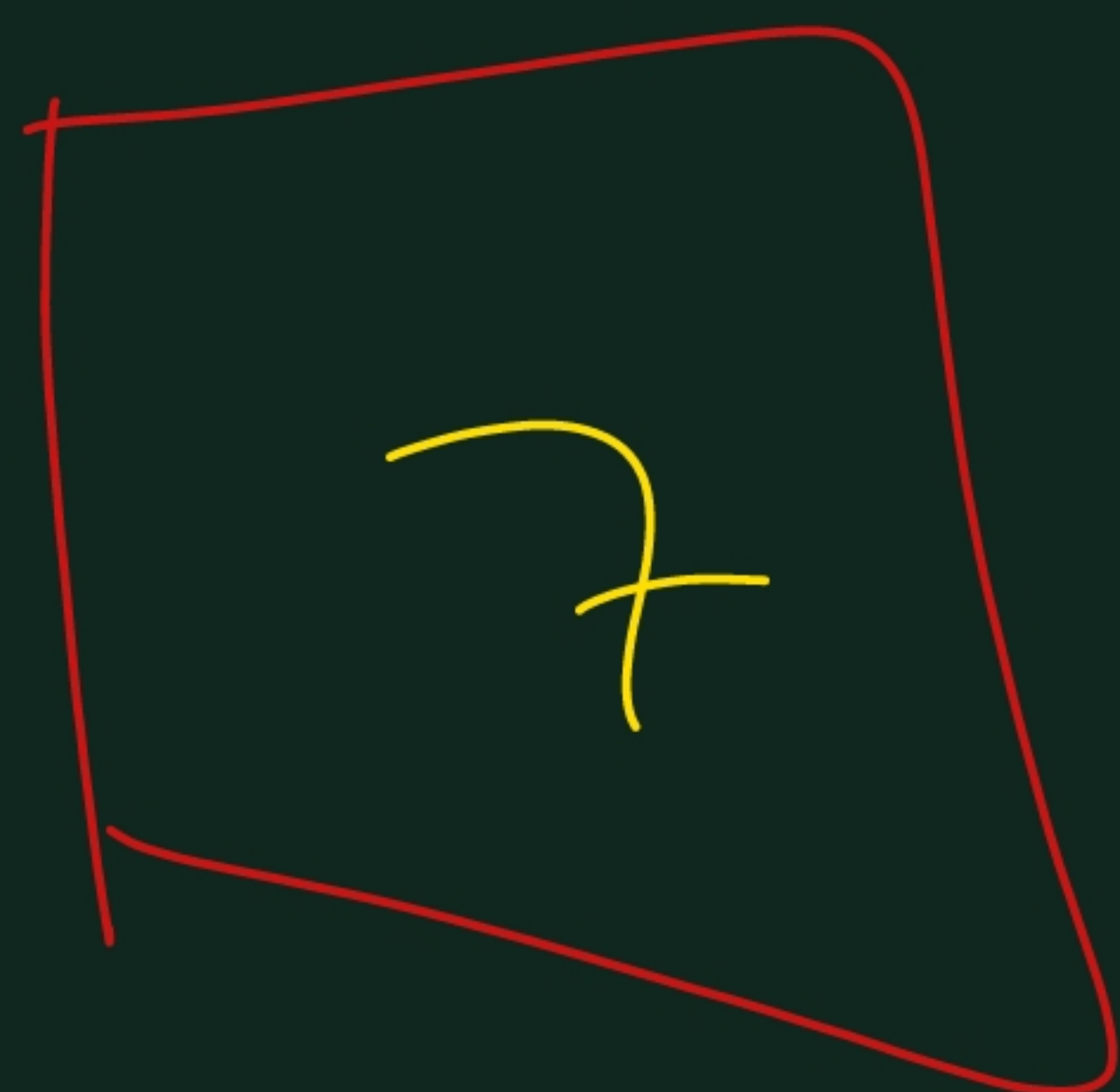
Binaria

6

128	64	32	16	8	4	2	1
2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
*	*	*	*	*	*	*	*
0	0	1	1	0	0	1	1

$$0 + 0 + 32 + 16 + 0 + 0 + 2 + 1 = 51$$

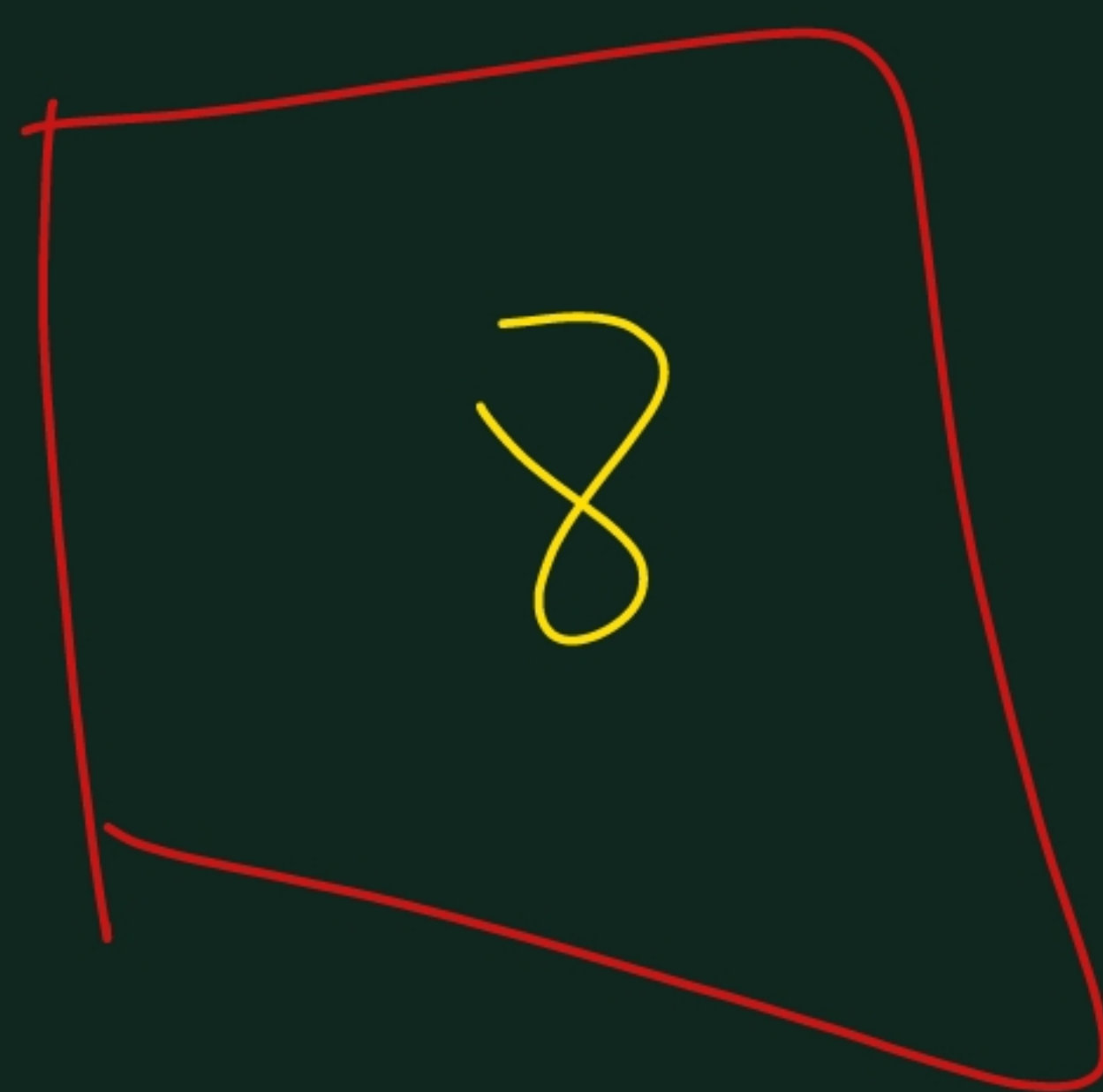
Madbira



128 9 2 ⁷ *	64 9 2 ⁶ *	32 9 2 ⁵ *	16 9 2 ⁴ *	8 9 2 ³ *	4 9 2 ² *	2 9 2 ¹ *	1 9 2 ⁰ *
0	1	0	1	0	1	0	1

Φιλαρέζη

$$0 + 64 + 0 + 16 + 0 + 4 + 0 + 1 = 85$$



128 9 2 ⁷ *	64 9 2 ⁶ *	32 9 2 ⁵ *	16 9 2 ⁴ *	8 9 2 ³ *	4 9 2 ² *	2 9 2 ¹ *	1 9 2 ⁰ *
0	1	1	1	0	0	0	1

$$0 + 64 + 32 + 16 + 0 + 0 + 0 + 1 = 113$$

