MAP

3	1	7	4	6	5	8	10	9

$\Downarrow$ MAP $(l \to l * 2)$

6	2	14	8	12	10	16	20	18

$\Downarrow$ MAP $(l \to l - 2)$

4	0	12	6	10	8	14	18	16

$\Downarrow$ ...

8	8	8	8

$\Downarrow$ MAP $(p \to p.\text{nome})$

...	"Notebook"	"Caderno"	"Caneta"

| "Lapis | ... | ... | ... |)

$$\Downarrow \text{MAP} (\stackrel{\bullet\bullet}{\stackrel{\ldots}{\ldots}})$$

| 'L' | 'N' | 'C' | 'C' |

FILTER

| 3 | ② | ④ | 7 | ⑧ | 7 | ⑥ | 1 |

$$\Downarrow \text{FILTER} \left(n \Rightarrow n\%2 == 0 \right)$$
$$\underline{\text{par}}$$

| 2 | 4 | 8 | 6 |

Prod.

| 12 | 23 | 30 | 97 |

$$\text{FILTER} \Downarrow \left(p \Rightarrow p.\text{preco} \geq 1000 \right)$$

ϕ

for

if (...)

REDUCE

7	3	4	2	8	1	2	8

REDUCE ⇓

$(acum, n) \rightarrow acum + n$

$(0, 7) \rightarrow 0 + 7 = 7$ 0

$(7, 3) \rightarrow 7 + 3 = 10$

$(10, 4) \rightarrow 10 + 4 = 14$

$(14, 2) \rightarrow 14 + 2 = 16$