From our text:

Mayan Numerals

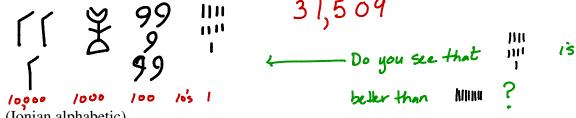
Egyptian Hieroglyphs

1	10	100	1000	10,000	100,000	1,000,00	0 10,000,000
I	Ω	9	\$		9		Pe

Ionian Alphabetic System

1α	10 ι	100ρ
2 β	20κ	200σ
3 γ	30 λ	300τ
4 δ	$40~\mu$	$400 \ \upsilon$
5 ε	50 v	500ϕ
65	60 ξ	600χ
7ζ	70 o	700ψ
8η	80π	800ω
9 θ	90 9	900 X

- 1. Write each number below in our system.
 - $1.20^{3} + 0.20^{2} + 5.20 + 6.1$ (a) (Mayan) = 8106
 - (b) (Egyptian heiroglyphs)

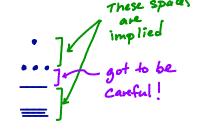


(c) (Ionian alphabetic)



2. Write the number 9235 using each system below.

(a) (Mayan) thinking.



 $9235 = 1.20^3 + 3.20^2 + 1.20 + 15$

(b) (Egyptian heiroglyphs)

(c) (Ionian alphabetic)

This indicates the symbol should be multiplied by 1000.

- 3. Perform the operations below **in the given numerical system**. Describe the algorithm and deduce the needed memorization.
 - (a) (Egyptian)

