






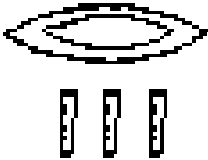
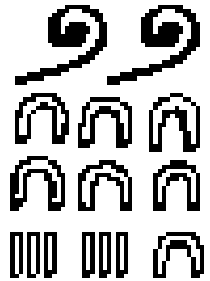
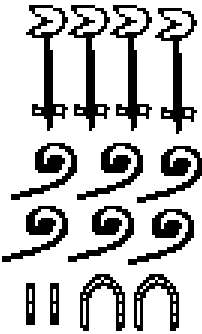


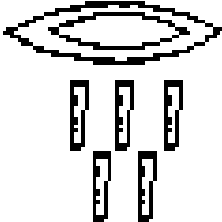
Egyptský hieroglyf

						
1	10	100	1000	10000	100000	10^6
Egyptian numeral hieroglyphs						


1/3


276


4622

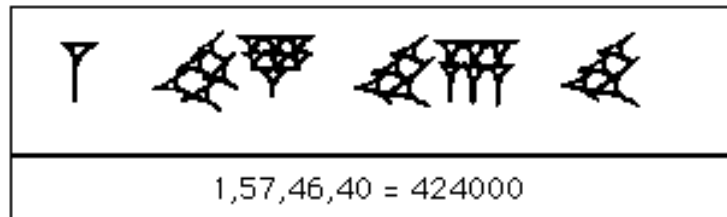

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Babylonská 60 sústava

1		11		21		31		41		51	
2		12		22		32		42		52	
3		13		23		33		43		53	
4		14		24		34		44		54	
5		15		25		35		45		55	
6		16		26		36		46		56	
7		17		27		37		47		57	
8		18		28		38		48		58	
9		19		29		39		49		59	
10		20		30		40		50			

Príklady



$$1 \times 60^3 + 57 \times 60^2 + 46 \times 60 + 40$$

10,12,5;1,52,30

$$10 \times 60^2 + 12 \times 60 + 5 + \frac{1}{60} + \frac{52}{60^2} + \frac{30}{60^3}$$

Grécka akrofónická číselná sústava

Γ	Δ	Η	Χ	Μ
Pente	Deka	Hekaton	Khilioi	Murioi
Πεντε	Δεκα	Ηεκατον	Χιλιοι	Μυριοι
5	10	100	1000	10000

				Γ	Γ	Γ	Γ	Γ	Δ
1	2	3	4	5	6	7	8	9	10
1 - 10 in Greek acrophonic numbers									

Δ	Γ ^Δ	Η	Γ ^Η	Χ	Γ ^Χ	Μ	Γ ^Μ
10	50	100	500	1000	5000	10000	50000
Higher numbers and combining acrophonic numerals							

Γ ^Χ Γ ^Η Η Γ ^Δ Δ Δ Γ Γ Γ
5678 drachma

Χ Χ Χ Γ ^Η Η Η Η Γ Γ Γ
3807 talents

Grécka alfabetická číselná sústava

Α	Β	Γ	Δ	Ε	Ϛ	Ζ	Η	Θ
α	β	γ	δ	ε	ς	ζ	η	θ
1	2	3	4	5	6	7	8	9

Ι	Κ	Λ	Μ	Ν	Ξ	Ο	Π	Ϛ
ι	κ	λ	μ	ν	ξ	ο	π	ρ
10	20	30	40	50	60	70	80	90

Ρ	Σ	Τ	Υ	Φ	Χ	Ψ	Ω	Ϟ
ρ	σ	τ	υ	φ	χ	ψ	ω	ϟ
100	200	300	400	500	600	700	800	900

ια	ιβ	ιγ	ιδ	ιε	ις	ιζ	ιη	ιθ
11	12	13	14	15	16	17	18	19

Σ	Ξ	Θ
269		

Príklady

Α	Β	Γ	Δ	Ε	Ζ	Η	Θ	
1000	2000	3000	4000	5000	6000	7000	8000	9000

Α	Β	Γ	Δ	Ε	Ζ	Η	Θ	
1000	2000	3000	4000	5000	6000	7000	8000	9000































β
Μ
20000

ΖΡΟΕΜ	ΕΩΟΕ
Aristarchus	71755875

ρικγ
Μ
1230000

β	Μ	ΕΩΟΕ	καί	α	Μ	ΖΡΟΕ	καί	Σ	Ε	Θ
Apollonius' representation of 587571750269										

Mayský číselný systém

0 	1 	2 	3 	4 
5 	6 	7 	8 	9 
10 	11 	12 	13 	14 
15 	16 	17 	18 	19 
20 	21 	22 	23 	24 
25 	26 	27 	28 	29 
Mayan positional number system				

Dvadsiatková číselná sústava

Príklad : [9;8;9;13;0] reprezentuje :

$$0 + 13 \times 20 + 9 \times 18 \times 20 + 8 \times 18 \times 20^2 + 9 \times 18 \times 20^3 = 1357100$$

Indické čísla

1	2	3
—	=	≡

Brahmi one, two, three

1	2	3	4	5	6	7	8	9
—	=	≡	+	h	φ	?	↵	?

Brahmi numerals around 1st century A.D.

1	2	3	4	5	6	7	8	9
I	II	III	II II	III II	III III	III III	III III	III III

Ifrah's guess for pre-Brahmi numbers

Vývoj písma

1	2	3	4	5	6	7	8	9
—	=	≡	𑂔	𑂕	𑂖	𑂗	𑂘	𑂙
Gupta numerals around 4th century A.D.								

1	2	3	4	5	6	7	8	9	0
१	२	३	४	५	६	७	८	९	०
Nagari numerals around 11th century A.D.									

Arabská číselná sústava

١	٢	٣	٤	٥	٦	٧	٨	٩	٠
1	2	3	4	5	6	7	8	9	0

al-Sizji's z 969

١	٢	٣	٤	٥	٦	٧	٨	٩	٠
1	2	3	4	5	6	7	8	9	0

al-Biruni's z 1082

1. Here is an example of text written from left to right.

2. fo elpmaxe na si ereH
thgir morf nettirw txet
.tfel ot

3. fo elpmaxe na si ereH
thgir morf nettirw txet
.tfel ot

1. text left to right
2. text right to left
3. right to left text written
top to bottom

Číslice a čísla

Today	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
Babylonian (1500 B.C.)	𐎶 𐎶𐎶 𐎶𐎶𐎶 𐎶𐎶𐎶𐎶 𐎶𐎶𐎶𐎶𐎶 𐎶𐎶𐎶𐎶𐎶𐎶 𐎶𐎶𐎶𐎶𐎶𐎶𐎶 𐎶𐎶𐎶𐎶𐎶𐎶𐎶𐎶 𐎶𐎶𐎶𐎶𐎶𐎶𐎶𐎶𐎶 𐎶𐎶𐎶𐎶𐎶𐎶𐎶𐎶𐎶𐎶 < <𐎶 <𐎶𐎶 <𐎶𐎶𐎶 ? ? ?
Chinese (500 B.C.)	一 二 三 四 五 六 七 八 九 十 十一 十二 十三 十四 十五 十六
Greek (400 B.C.)	Α Β Γ Δ Ε Ϝ Ζ Η Θ Ι ΙΑ ΙΒ ΙΓ ? ? ?
Egyptian (300 B.C.)	𐀀 𐀁 𐀂 𐀃 𐀄 𐀅 𐀆 𐀇 𐀈 𐀉 𐀊 𐀋 𐀌 𐀍 ? ? ?
Roman (200 B.C.)	I II III IV V VI VII VIII IX X XI XII XIII ? ? ?
Maya (300 A.D.)	• •• ••• •••• — ̄ ̄̄ ̄̄̄ ̄̄̄̄ = ̇ ̇̇ ̇̇̇ ̇̇̇̇ ? ? ?
Hindu (11th century)	१ २ ३ ४ ५ ६ ७ ८ ९ १० ११ १२ १३ ? ? ?
Base Two (computers)	1 10 11 100 101 110 111 1000 1001 1010 1011 1100 1101 ? ? ?

Zápisy v matematike

The chart compares mathematical symbols and phrases used in the past and present.

	PAST	PRESENT
	\mathcal{R}	$\sqrt{\quad}$
	p	+
	m	-
	v	<i>used under the radical</i>
Cardan(1501-1576)	$\mathcal{R} \cdot v \cdot 7 \cdot p : \mathcal{R} \cdot 14$	$\sqrt{7} + \sqrt{14}$
Chuquet 1484	$12^3 + 12^0 + 7^1 m$	$12x^3 + 12 + 7x^{-1}$
Bombelli	$\overbrace{3}$	x^3
Stevin 1585	$1^{\textcircled{0}} + 3^{\textcircled{1}} + 6^{\textcircled{2}} + 3^{\textcircled{3}}$	$1 + 3x + 6x^2 + x^3$
	$\textcircled{1/2}$	$\sqrt{\quad}$
	$\textcircled{1/3}$	$\sqrt[3]{\quad}$
Descartes	$1 + 3x + 6xx + x^3$	$1 + 3x + 6x^2 + x^3$

Línea potes rationale z media-
 el: v3. Radix qnti bino.
 v^o 2v.r.40.p.6.p. 2v.r.40.m.6
 2v.r.40.p.6.p. 2v.r.40.m.6
Quadrata partium 2v.40.p.6
2v.40.m.6

 Sūma 2v.160.p.4.

Línea potes rōnale z irrōnale.
 Radix quinti binomij.
 2v.20.p.2.p. 2v.20.m.2.
 2v.20.p.2.p. 2v.20.m.2.
Quadrata partiu. 2v.20.p.2.
2v.20.m.2.

 Summa 2v.80.p.4.