

nanpa-linja-n cheat sheet

OVERVIEW

nanpa-linja-n is a reversible notation for exact decimal digit sequences. It encodes numbers as proper names and, in sitelen pona, as numeric cartouches. It adds no Toki Pona words. This sheet shows the preferred digit syllables and the abbreviated glyphs used inside numeric cartouches.

DIGITS

digit	syllable	full sitelen	abbreviated sitelen
0	ni		
1	wa		
2	tu		
3	se		
4	na		
5	lu		
6	nu		
7	mu		
8	pi		
9	je		

NUMERIC PUNCTUATION

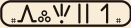
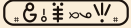
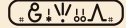
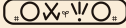
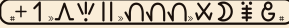
description	split 'words'	full sitelen	abbreviated sitelen
Starting nanpa-linja-n	Ne-		
positive	ne		
negative	no		
decimal point	-n One		
ISO thousands	-n Eke		
percentage	-n Oke		
scientific notation	-n Eko		
fraction	-n Ono		
mixed fraction	-n Oko		
date	-n Eke		
time	-n Eke		
spacer (optional)	-n Ene		
Ending nanpa-linja-n	-n		

RULE

Ne- + digit syllable(s) and punctuation marker(s) + -n

To build a proper name, use one preferred syllable per digit and one punctuation 'word' per punctuation marker. A proper name may split into multiple 'words' at punctuation to aid speaking and communication. The proper name maps directly to a full sitelen numeric cartouche. The full sitelen numeric cartouche may then be abbreviated for a clearer number presentation. Explicit + uses ne; - uses no; unsigned values use neither.

EXAMPLES — Abbreviated Numeric Cartouches

use	value	proper name	abbreviated numeric cartouche
integer	125	Newatulun	
positive	+89	Nene Pijen	
negative	-3	Neno Sen	
decimal	0.5	Nenin One Lun	
thousands	4,321	Nenan Eke Setuwan	
percentage	67%	Nenumun Oken	
scientific notation	9.8e-3	Nejen One Pin Eko Nosen	
fraction	1/2	Newan Ono Tun	
mixed fraction	9¾	Nejen Oko Sen Ono Nan	
date	2026-07-18	Netunitunun Eke Nimun Eke Wapin	
time	06:30	Neninun Eke Senin	
telephone	+1-432-555-6789	Nene Wan Ene Nasetun Ene Lululun Ene Numupijen	
leading zeros	007	Neninimun	

Companion-font glyph sizes inside numeric cartouches: 1/4 nanpa, nena, e, ala, ike, uta, open; 1/3 kasi; 1/2 kala; 2/3 ona, o, kulupu, kipisi, kin, en.

nanpa-linja-n cheat sheet - extended formats

EXTENDED FORMATS Hexadecimal adds A-F with dedicated syllables and sitelen pona words. The **Nanpa** : and **Nasa** : forms make the decimal or hexadecimal frame explicit while keeping every digit reversible.

HEX DIGITS

digit	syllable	sitelen word	sitelen
A	ja	jan	
B	la	lawa	
C	ma	ma	
D	pa	pakala	
E	si	sike	
F	ta	tan	

FORMAT RULES

Nanpa format: decimal digits 0-9 use **Nanpa** as a separate opening word and a nanpa cartouche with a colon.

Nasa format: hexadecimal digits 0-9 and A-F use **Nasa** as a separate opening word and a nasa cartouche with a colon.

Input delimiters :, - and . become **Ene** in the proper name and **e** in the abbreviated cartouche. The word **kule** marks automatic grouping.

HEX EXAMPLE

#31:3D:CC:E4

Nasa Sewan Ene Sepan Ene Maman Ene Sinan



NANPA FORMAT - DECIMAL DIGITS

digit	syllable	proper name	full sitelen	abbreviated sitelen
0	ni	Nanpa Nin		
1	wa	Nanpa Wan		
2	tu	Nanpa Tun		
3	se	Nanpa Sen		
4	na	Nanpa Nan		
5	lu	Nanpa Lun		
6	nu	Nanpa Nun		
7	mu	Nanpa Mun		
8	pi	Nanpa Pin		
9	je	Nanpa Jen		

NASA FORMAT - HEX DIGITS

digit	syllable	proper name	full sitelen	abbreviated sitelen
A	ja	Nasa Jan		
B	la	Nasa Lan		
C	ma	Nasa Man		
D	pa	Nasa Pan		
E	si	Nasa Sin		
F	ta	Nasa Tan		