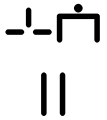
Toki pona new number system

Vocabulary

1	*wan*		*one*
2	*tu*		*two*
3	*sin*		*three*
4	*lipu*		*four*
5	*luka*		*five*
6	*ma*		*six*
7	*ko*		*seven*
8	*musi*		*eight*
9	*poka*		*nine*
10	*sewi*		*10 (base) followed by integer powers (1 is implicit): 2, 3, 4,...*
20	*tu sewi*		*two * ten*
30	*sin sewi*		*three * ten*
100	*sewi tu*		10^2

300	*sin sewi tu*		*three * ten^2*
1000	*sewi sin*		*10^3*
+	*en*		*sum symbol*
-	*weka*		*negative symbol*
.	*sike*		*separator for decimal part*

This system is intended as a way of ***reading*** decimal numbers written with the digits 0 to 9 and included in toki pona texts.

Non-additive numbers

Numbers are *non-additive* by default

120 = *nanpa wan tu ala*

2024 = *nanpa tu ala tu lipu*

Numbers as powers of 10

1000 = 10^3 = *nanpa sewi sin*

10 000 = 10^4 = *nanpa sewi lipu*

...

1 000 000 000 = 10^9 = *nanpa sewi poka*

Composed numbers

The number to the left of *sewi* has multiplicative value.

The additive value of a number (sequence) is stated explicitly with *en*.

4 000 000 012 = $4*10^9 + 12$ = *nanpa lipu sewi poka en wan tu*

Start of number sequence

nanpa ⌗

End of number sequence(s) (optional)

la ⁾

ni ↓

Decimal numbers

3.14 = *nampa sin sike wan lipu*

Discouraged readings

20 = ~~*nampa sewi en sewi*~~, use *nampa tu sewi*

100 = ~~*nampa wan sewi tu*~~, use *nampa sewi tu*

Dates

US system

May 12, 2024 = *tenpo mun nanpa luka ni tenpo suno nanpa wan tu ni tenpo sike nanpa tu ala tu lipu la*

ISO 8601 system

2024-05-12 = *tenpo sike nanpa tu ala tu lipu ni tenpo mun nanpa luka ni tenpo suno nanpa wan tu la*