

# Power-based number system glossary



V 0.16  $\alpha$

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cf. = compare

|| = example(s)

< > = *reads as*

## NUMBERS AND SYMBOLS

0 ✕ <ala> zero

1st #1 <nanpa wan> first

1 1 <wan> one

2 || <tu> two

3 -!- <sin> three

4 □ <lipu> four

5 ∩ <luka> five

6 ≡ <pipi> six

7 𐌹 <len> seven

8 8 <musi> eight

9 ∨ <suli> nine

10 𐌹 <sewi> ten, 10 base for powers ||  $10^2 = 100$  sewi tu;  $10^6 = 1$  million <sewi pipi>; a googol =  $10^{10^2}$  <sewi sewi tu>

add + <en> (additive use of numbers || 1003: *sewi sin en sin*)

negative > <weka> -, sign of negative number; ||  $6.62 \times 10^{-34}$  <pipi sike pipi tu sewa weka sin lipu>

cardinal ||| <mute> (cardinal use of numbers) || *ona li mute luka* = it's 5

ordinal # <nanpa> (ordinal use of numbers) || *ona li nanpa luka* = it's the 5th

hundred 100 <sewi tu>  $10^2$

million 1,000,000 <sewi pipi>  $10^6$

crore 10,000,000 <sewi len>  $10^7$

billion 1,000,000,000 <sewi suli>  $10^9$  || *jan li jo* \$1,000,000,000 <*jan li jo e mani Mewika pi mute sewi suli*> he owns \$1,000,000,000

googol  $10^{10^2}$  <sewi sewi tu>  $10^{100}$

## DATES AND TIMES

### YEARS

year 𐌹, 𐌹, 𐌹 <tenpo sike, sike suno> time of one complete revolution of the Earth around the Sun

century 𐌹, 𐌹, 𐌹 100 <tenpo sike sewi tu, tenpo sike wan ala ala> time of 100 complete revolutions of the Earth around the Sun

millenium 𐌹, 𐌹, 𐌹 1000 <tenpo sike sewi sin> time of 1000 complete revolutions of the Earth around the Sun

megayear 𐌹, 𐌹, 𐌹 1,000,000 <tenpo sike sewi pipi> time of 1,000,000 complete revolutions of the Earth around the Sun

eon 𐌹, 𐌹, 𐌹 1,000,000,000 <tenpo sike sewi suli> time of 1,000,000,000 complete revolutions of the Earth around the Sun

2024-05-12 2024-05-12 <tenpo sike tu ala tu lipu en tenpo mun luka en tenpo suno wan tu> May 12th, 2024 [ISO 8601]



## MONTHS

**month** ☹☹ <tenpo mun> one of the 12 subdivisions of the year

**quarter** ☹☹|||<sup>-</sup> <tenpo mun mute sin> one of the subdivisions of the year in 4 parts (3 months) cf. *tenpo mun sin*: March

**first quarter** ☹☹|||<sup>-</sup> #1 <tenpo mun mute sin nanpa wan> January-February-March

**January** ☹☹1 <tenpo mun wan> 1st month of the year

**February** ☹☹|| <tenpo mun tu> 2nd month of the year

**March** ☹☹<sup>-</sup> <tenpo mun sin> 3rd month of the year

**April** ☹☹□ <tenpo mun lipu> 4th month of the year

**May** ☹☹∩ <tenpo mun luka> 5th month of the year

**June** ☹☹≡ <tenpo mun pipi> 6th month of the year

**July** ☹☹⊐ <tenpo mun len> 7th month of the year

**August** ☹☹☹ <tenpo mun musi> 8th month of the year

**September** ☹☹∨ <tenpo mun sulī> 9th month of the year

**October** ☹☹⊐ <tenpo mun sewi> 10th month of the year

**November** ☹☹11 <tenpo mun wan wan> 11th month of the year

**December** ☹☹1|| <tenpo mun wan tu> 12th month of the year

## WEEK AND WEEKDAYS

**week** ☹☹, ☹☹ <tenpo esun, sike esun> seven consecutive solar days

**Monday** ☹☹☹ <tenpo suno mun> the first [ISO-8601] day of the week

**Tuesday** ☹☹! <tenpo suno seli> the second [ISO-8601] day of the week

**Wednesday** ☹☹≈ <tenpo suno telo> the third [ISO-8601] day of the week

**Thursday** ☹☹☹ <tenpo suno kasi> the fourth [ISO-8601] day of the week

**Friday** ☹☹◊ <tenpo suno kiwen> the fifth [ISO-8601] day of the week

**Saturday** ☹☹⊕ <tenpo suno ma> the sixth [ISO-8601] day of the week

**Sunday** ☹☹☹ <tenpo suno esun> the seventh [ISO-8601] day of the week

## DAYS

**day** ☹☹ <tenpo suno> solar day, 24 hours | ALT time from sunrise to sunset (according to context)

**night** ☹☹, ☹☹ <tenpo pimeja, tenpo lape> time from sunset to sunrise

**sunset** ☹☹, ☹☹ <pini suno, weka suno> time of day when the sun disappears below the western horizon

**sunrise** ☹☹, ☹☹, ☹☹ <kama suno, open suno, sewi suno> time of day when the sun appears above the eastern horizon

**today** ☹☹<sup>-</sup>, ☹☹↓ <tenpo suno lon, tenpo suno ni> current solar day

**tomorrow** ☹☹∧ <tenpo suno kama> next solar day after the current day

**yesterday** ☹☹☹ <tenpo suno pini> previous solar day before the current day

**day after tomorrow** ☹☹☹∧|| <tenpo suno pi kama tu> second next solar day after the current day

**day before yesterday** ☹☹☹☹|| <tenpo suno pi pini tu> second previous solar day before the current day

**new year's (day)** ☹☹1☹☹☹ <tenpo suno wan pi tenpo sike> new year's, the first day of the year

## HOURS

**hour** ☹☹☹∨ <tenpo pi palisa lili> 1/24 of a day

**minute** ☹☹☹∨ <tenpo pi palisa sulī> 1/60 of an hour

**second** ☹☹☹∧ <tenpo pi palisa tawa> 1/60 of a minute

**noon** ☹☹☹ <tenpo suno wawa> 12:00 || *tenpo ni li suno wawa*: it's 12 o'clock

**midnight** ☹☹☹ <tenpo pimeja wawa> 24:00

**15:20** 15: 20 <20 minutes past 3 o'clock P.M.> 3:20 P.M. || *o mi kama lon poka lon tenpo wan luka en tu ale*: let's meet at 15:20

## OTHERS

**summer** ☹☹! <tenpo seli> the warmest season of the year

**winter** ☹☹☹ <tenpo lete> the coldest season of the year

**spring** ☹☹!∨ <tenpo pi seli lili> the season of the year between winter and summer

**autumn** ☹☹☹, ☹☹☹, ☹☹☹∨ <tenpo loje, tenpo loje jelo, tenpo pi lete lili> the season of the year between summer and winter

**now** ☹☹↓ <tenpo ni> at the present time or moment

**before** ☹☹☹, ☹☹☹ <tenpo pini, tenpo monsi> before the present time or moment

**after** ☹☹∧ <tenpo kama> in a future time or moment

**soon** ☹☹∧∨ <tenpo kama lili> within a short time, or quickly

**never** ☹☹☹ <tenpo ala> at no time, in no way

## UNITS OF MEASURE

**meter** 𐌆 <linja> meter

**kilometer** 𐌆𐌵-!- <linja sewi sin> km,  $10^6$  m

**micrometer** 𐌆𐌵𐌶𐌶𐌵 <linja sewi weka pipi>  $\mu\text{m}$ ,  $10^{-6}$  m

**gram** 𐌵 <anpa> g

**kilogram** 𐌵𐌵-!- <anpa sewi sin> kg,  $10^3$  g

**ton** 𐌵𐌵𐌶 <anpa sewi suli> t,  $10^9$  g