

Power-based number system glossary



V 0.02 α

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cf. = compare

|| = example(s)

~ = headword

[<]

abbrev. = abbreviated form to be interpreted according to context

NUMBERS AND SYMBOLS

0 ✕ *ala*: zero

1st #1 *nanpa wan*: first

1 ↑ *wan*: one

2 || *tu*: two

3 -¹ *sin*: three

4 □ *lipu*: four

5 ∩ *luka*: five

6 ≡ *pipi*: six

7 ≡ *len*: seven

8 ∪ *musi*: eight

9 ∨ *suli*: nine

10 ◻ *sewi*: ten, 10 base for powers || $10^2 = \sim$
tu: 100; $10^6 = \sim$ *pipi*: 1 million; $10^{10^2} = \sim \sim$ *tu*:
a googol

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

negative >✕ *weka*: -, sign of negative number; ||
 6.62×10^{-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 10^2 *sewi tu*: 100

million 10^6 *sewi pipi*: 1,000,000

crore 10^7 *sewi len*: 10,000,000

billion 10^9 *sewi suli*: 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 ☉☉, ☉☼ *tenpo sike, sike suno*: time of
one complete revolution of the planet earth
around the sun

century ☉☉◻||, ☉☼◻|| *tenpo sike sewi*
tu, sike suno sewi tu: time of 100 complete
revolutions of the planet earth around the sun

millenium ☉☉◻-¹, ☉☼◻-¹ *tenpo sike*
sewi sin, sike suno sewi sin: time of 1000
complete revolutions of the planet earth around
the sun

megayear ☉☉◻≡, ☉☼◻≡ *tenpo sike*
sewi pipi, sike suno sewi pipi: time of 1,000,000
complete revolutions of the planet earth around
the sun

eon ☉☉◻∨, ☉☼◻∨ *tenpo sike sewi*
suli, sike suno sewi suli: time of 1,000,000,000
complete revolutions of the planet earth around
the sun

2024-05-12 2024-05-12 *tenpo sike tu ala tu*
lipu en tenpo mun luka en tenpo : May 12th, 2024
[ISO 8601]



MONTHS

month ☹☹ *tenpo mun*: one of the 12 subdivisions of the year

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

first quarter ☹☹|||⁻ #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 ☹☹⁻ *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 suli*: 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 solar days

Monday ☹☹☹ *tenpo suno mun*: the first [ISO-8601] day of the week; cf. *tenpo suno nanpa wan pi tempo sike*: new year's, the first day of the year;

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 ◡4☹☹ *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, tenpo mun*: 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 ☹☹÷, ☹☹↓, ☹↓ *tenpo suno lon, tenpo suno ni, (abbrev.) tenpo 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 tempo 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 suli*: 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

fortnight ☹☹|||◡+□ *tenpo suno mute sewi en lipu*: period of 14 days

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

before ☹↓ *tenpo ni*: at 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