

Power-based number system glossary



V 0.12 α

jan loje

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cf. = compare

|| = example(s)

~ = headword

NUMBERS AND SYMBOLS

0 ✕ *ala*: zero

1st #1 *nanpa wan*: first

1 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 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 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 read: *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 10, 10, 10, 10 *tenpo sike, sike suno*: time of
one complete revolution of the planet earth
around the sun

century 10, 10, 100 *tenpo sike sewi tu, tenpo sike*
wan ala ala: time of 100 complete revolutions of
the planet earth around the sun

millenium 10, 10, 1000 *tenpo sike sewi sin*: time of
1000 complete revolutions of the planet Earth
around the sun

megayear 10, 10, 1,000,000 *tenpo sike sewi pipi*:
time of 1,000,000 complete revolutions of the
planet Earth around the sun

eon 10, 10, 1,000,000,000 *tenpo sike 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 sul*: 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 ☉☿⁻, ☉☿↓, ☉↓ *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 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 sul*: 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 𐄂 *linja*: meter

kilometer 𐄂 冂- 𐄂 *linja sewi sin*: km, 10^6 m

micrometer 𐄂 冂 𐄂 𐄂 *linja sewi weka pipi*: μm , 10^{-6} m

gram 𐄂 *poki*: g

kilogram 𐄂 冂- 𐄂 *poki sewi sin*: kg, 10^3 g

ton 𐄂 冂 𐄂 *poki sewi suli*: t, 10^9 g