

Power-based number system glossary



V 0.15 α

jan loje

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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; || 6.62×10^{-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 ☼☽|||⁻ <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 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 ☼☼⁻, ☼☼↓ <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> μm , 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