

Power-based number system glossary



V 0.01 α

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cf. = compare

|| = example(s)

~ = headword

abbrev. = abbreviated form to be interpreted according to context

NUMBERS AND SYMBOLS

0 \times *ala*: zero

1st $\#1$ *nanpa wan*: first

1 \uparrow *wan*: one

2 || *tu*: two

3 -1 *sin*: three

4 \square *lipu*: four

5 \cap *luka*: five

6 $\#$ *pipi*: six

7 \boxplus *len*: seven

8 \wp *musi*: eight

9 \vee *suli*: nine

10 $\dot{\square}$ *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 \succ *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 $\odot\odot, \odot\oplus$ *tenpo sike, sike suno*: time of one complete revolution of the planet earth around the sun

century $\odot\odot\dot{\square}||, \odot\oplus\dot{\square}||$ *tenpo sike sewi tu, sike suno sewi tu*: time of 100 complete revolutions of the planet earth around the sun

millenium $\odot\odot\dot{\square}-1, \odot\oplus\dot{\square}-1$ *tenpo sike sewi sin, sike suno sewi sin*: time of 1000 complete revolutions of the planet earth around the sun

megayear $\odot\odot\dot{\square}\#, \odot\oplus\dot{\square}\#$ *tenpo sike sewi pipi, sike suno sewi pipi*: time of 1,000,000 complete revolutions of the planet earth around the sun

eon $\odot\odot\dot{\square}\vee, \odot\oplus\dot{\square}\vee$ *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]

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MONTHS

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

quarter ㊦ ㊦ ||| 一 *tenpo mun mute sin*: one of the subdivisions of the year in 4 parts (3 months) cf. *tenpo mun sin*: March

first quarter ㊦ ㊦ ||| 一 井 一 *tenpo mun mute sin nanpa wan*: January-February-March

January ㊦ ㊦ 一 *tenpo mun wan*: 1st month of the year

February ㊦ ㊦ || *tenpo mun tu*: 2nd month of the year

March ㊦ ㊦ 一 *tenpo mun sin*: 3rd month of the year

April ㊦ ㊦ □ *tenpo mun lipu*: 4th month of the year

May ㊦ ㊦ ㄩ *tenpo mun luka*: 5th month of the year

June ㊦ ㊦ 井 *tenpo mun pipi*: 6th month of the year

July ㊦ ㊦ 𐄣 *tenpo mun len*: 7th month of the year

August ㊦ ㊦ 𐄤 *tenpo mun musi*: 8th month of the year

September ㊦ ㊦ ∨ *tenpo mun sul*: 9th month of the year

October ㊦ ㊦ 𐄥 *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 ㊦ 𐄧, ㊦ 𐄧 *tenpo esun, sike esun*: seven solar days

Monday ㊦ 𐄧 井 一, ㊦ 𐄧 𐄣 *tenpo suno nanpa wan, tenpo suno pi mun*: the first [ISO-8601] day of the week; cf. *tenpo suno wan pi tempo sike*: new year's, the first day of the year; *tenpo suno mute wan*: [a period of] one day, 24 hours

Tuesday ㊦ 𐄧 井 ||, ㊦ 𐄧 一 / *tenpo suno nanpa tu, tenpo suno seli*: the second [ISO-8601] day of the week

Wednesday ㊦ 𐄧 井 一, ㊦ 𐄧 𐄥 *tenpo suno nanpa sin, tenpo suno telo*: the third [ISO-8601] day of the week

Thursday ㊦ 𐄧 井 □, ㊦ 𐄧 𐄤 *tenpo suno nanpa lipu, tenpo suno kasi*: the fourth [ISO-8601] day of the week

Friday ㊦ 𐄧 井 ㄩ, ㊦ 𐄧 𐄣 *tenpo suno nanpa luka, tenpo suno kiwen*: the fifth [ISO-8601] day of the week

Saturday ㊦ 𐄧 井 井, ㊦ 𐄧 𐄥 *tenpo suno nanpa pipi, tenpo suno ma*: the sixth [ISO-8601] day of the week

Sunday ㊦ 𐄧 井 𐄣, ㊦ 𐄧 𐄣 𐄧, ㊦ 𐄧 𐄧 *tenpo suno nanpa len, tenpo suno pi suno, tenpo esun suno*: the seventh [ISO-8601] day of the week

DAYS

day ㊦ 𐄧 *tenpo suno*: solar day, 24 hours | ALT time from sunrise to sunset (according to context)

night ㊦ 𐄧, ㊦ 𐄧, ㊦ 𐄣 *tenpo pimeja, tenpo lape, tenpo mun*: time from sunset to sunrise

sunset 一 𐄧, 𐄧 𐄧 *pini suno, weka suno*: time of day when the sun disappears below the western horizon

sunrise 𐄧 𐄧, 𐄧 𐄧, 𐄧 𐄧 *kama suno, open suno, sewi suno*: time of day when the sun appears above the eastern horizon

today ㊦ 𐄧 一, ㊦ 𐄧 𐄣, ㊦ 𐄧 𐄣 *tenpo suno lon, tenpo suno ni, (abbrev.) tenpo ni*: current solar day

tomorrow ㊦ 𐄧 𐄧 *tenpo suno kama*: next solar day after the current day

yesterday ㊦ 𐄧 一 *tenpo suno pini*: previous solar day before the current day

day after tomorrow ㊦ 𐄧 𐄧 𐄧 || *tenpo suno pi kama tu*: second next solar day after the current day

day before yesterday ㊦ 𐄧 𐄧 一 || *tenpo suno pi pini tu*: second previous solar day before the current day

new year's (day) ㊦ 𐄧 一 𐄧 ㊦ 𐄧 *tenpo suno wan pi tempo sike*: new year's, the first day of the year

HOURS

hour ㊦ 𐄧 𐄧 ∨ *tenpo pi palisa lili*: 1/24 of a day

minute ㊦ 𐄧 𐄧 ∨ *tenpo pi palisa sul*: 1/60 of an hour

second ㊦ 𐄧 𐄧 𐄧 *tenpo pi palisa tawa*: 1/60 of a minute

noon ㊦ 𐄧 𐄧 / *tenpo suno wawa*: 12:00 || *tenpo ni li suno wawa*: it's 12 o'clock

midnight ㊦ 𐄧 𐄧 / *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 ㊦ 一 / *tenpo seli*: the warmest season of the year

winter ㊦ 𐄧 *tenpo lete*: the coldest season of the year

spring ㊦ 𐄧 一 / ∨ *tenpo pi seli lili*: the season of the year between winter and summer

autumn ㊦ 𐄧, ㊦ 𐄧 𐄧, ㊦ 𐄧 𐄧 ∨ *tenpo loje, tenpo loje jelo, tenpo pi lete lili*: the season of the year between summer and winter

fortnight ㊦ 𐄧 ||| 𐄧 + 𐄧 *tenpo suno mute sewi en lipu*: period of 14 days

now ㊦ 𐄧 *tenpo ni*: at the present time or moment

before ㊦ 𐄧 *tenpo ni*: at the present time or moment

after ㊦ 𐄧 *tenpo kama*: in a future time or moment

soon ㊦ 𐄧 ∨ *tenpo kama lili*: within a short time, or quickly

never ㊦ 𐄧 *tenpo ala*: at no time, in no way