

# Power-based number system glossary



V 0.01  $\alpha$

*jan loje*

March 18, 2024

cf. = compare

|| = example(s)

~ = entry word or phrase

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  $\dot{\cap}$  *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; ||  $6.62 \times 10^{-34}$ : *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**  $10^2$  *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**  $\odot\odot\dot{\cap}||, \odot\oplus\dot{\cap}||$  *tenpo sike sewi tu, sike suno sewi tu*: time of 100 complete revolutions of the planet earth around the sun

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

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

**eon**  $\odot\odot\dot{\cap}\vee, \odot\oplus\dot{\cap}\vee$  *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** ㊦ ㊦ ||| ㊦ *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 solar days

**Monday** ㊦ ㊦ ㊦ 1, ㊦ ㊦ ㊦ ㊦ *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** ㊦ ㊦ ㊦ ||, ㊦ ㊦ ㊦ / *tenpo suno nanpa tu, tenpo suno seli*: the second [ISO-8601] day of the week

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

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

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

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

**Sunday** ㊦ ㊦ ㊦ □, ㊦ ㊦ ㊦ ㊦, ㊦ ㊦ ㊦ *tenpo suno nanpa len, tenpo suno pi suno, tenpo esun suno*: 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 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

**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