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0.1 General resources

- \bullet To fugu $\square\square\square\square$ and $\square\square\square\square$ guides
- Dictionaries:
 - → Takoboto Android dictionary
 - ▶ Jisho dictionary (MT)
 - ▶ Jotoba dictionary, an upgraded version of Jisho
 - ▶ bunpro dictionary for JLPT classifications and example sentences
- goo dictionary for synonyms and detailed definitions
- Weblio theasurus for antonyms
- JLPT $\square\square$ for grammar and $\square\square$ lists
- Minna no nihongo books (XM)

The writing system

two scripts, refer to the supplementary PDF.

G1.1 [Interlude] Morphemes, phonemes, phones

This entire section is courtesy of SL.

Phonemes are the smallest unit of mental representation of sound. They do not carry meaning by themselves, but they can alter the meaning pictured by the listener.

Morphemes are the smallest unit of meaning, and comprise two levels: a phonological level and a semantic level. The phonological level states how it is pronounced (a string of phonemes), and the semantic level states what meaning is attached to the phonology.

For instance, $\Box\Box$ contains a repetition of the same phoneme because the sound and meaning of the two $\square\square$ are identical. In contrast, $\square\square$ contains two different morphemes, because the sound (and meaning) of the two $\Box\Box$ are different!

When determining whether a morpheme is repeated or not, consider the sound and meaning first before looking at the orthography. "Orthography is truly an afterthought, in the design of languages]."

G1.2 Iteration marks

Read main article on Wikipedia.

Only the (horizontal text) $\square\square$ iteration mark \square is commonly used today. It is used to represent a duplicated character representing the same morpheme. For example, "" means "daily, day after day".

Writing \square instead of repeating the $\square\square$ is preferred, provided that:

- 1. (tl;dr: morpheme is repeated) the reading of the repeated □□ must be the same, though certain changes are permitted such as rendaku (unvoiced consonant becomes voiced, i.e. the dakuten, e.g. in $\Box\Box$, $\Box\to\Box$) and *gemination* (consonant lengthening, i.e. the \Box , e.g. in $\Box\Box$), and
- 2. the repetition must be within a single word/phrase.

If the above aren't satisfied:

- If repetition isn't repetition of the same morpheme, for disambiguation the second □□ is spelt out in $\Box\Box\Box$ (e.g. $\Box\Box\Box$).
- If repetition crosses word boundaries, then the $\Box\Box$ is repeated (e.g. $\Box\Box\Box\Box$, democracy).

There are exceptions to this! $\square\square\square\square$ is rarely used but exists. A notable exception is in the signages for neighbourhood associations end in \square , suffixing with \square yields \square \square \square , which is then informally abbreviated to \square despite the repetition crossing a word boundary.

Interpretations when \square is used:

- Reduplication (linguistics terminology) to indicate plurality
- Various alterations in meaning
 - $\begin{array}{c} \cdot \ \Box \ (\mathrm{piece}) \to \Box \Box \ (\mathrm{individually}) \\ \cdot \ \Box \ (\mathrm{time}) \to \Box \Box \ (\mathrm{sometimes}) \end{array}$

• $\Box\Box$ (next day, as in $\Box\Box$ / $\Box\Box\Box$ (CN)) \rightarrow $\Box\Box\Box$ (next next day, as in $\Box\Box\Box$ (CN))

Note that is not the same as , just like how and are used in different contexts in CN!

Repetition marks can be typed using commands in Table 1.

Table 1: Miscellaneous keyboard commands. Today, \square , \square and \square only appear in proper names. As examples, $\square\square=\square\square$ and $\square\square=\square\square$.

	Keyboard command	Purpose
	onaji $ ightarrow$ space $^{^*}$	$\square\square\square$ previous character repeater (enforce without dakuten)
	onaji $ ightarrow$ space *	$\square\square\square$ previous character repeater (enforce with dakuten)
	onaji $ ightarrow$ space *	$\square\square\square$ previous character repeater (enforce without dakuten)
	onaji $ ightarrow$ space $^{^*}$	$\square\square\square$ previous character repeater (enforce with dakuten)
	$noma \to \operatorname{space}^{\scriptscriptstyle{\star}}$	$\square\square$ previous character repeater $(\square+\square)$

G1.3

Some preliminary notes:

- There exists over 40000 □□ but only about 2000 account for >95% of characters actually used in written text.
- There are no spaces in Japanese, so □□ is necessary for distinguishing separate words within a sentence, and discriminating between homophones.
- Words that mean practically the same thing can have different □□ to distinguish nuances.

Here's an example:

- \blacksquare □ means to ask.
- ▶ $\Box\Box$ means to listen, or to ask.
- ► □□ means to listen attentively. Preferred when talking about listening to music.

Another example:

- $\Box\Box$ means to see.
- ► □□ means to watch a movie.

Another example:

- ► □□ means to write.
- ▶ □□ means to draw.

When depicting/imagining an <u>abstract</u> image (e.g. a scene in a book), we use $\square \square$.

Another example:

▶ The different pronuncations $\Box\Box$, $\Box\Box$ and $\Box\Box$ are each preferred in different contexts.

G1.4 Pronunciation

It is not practical to memorise or attempt to logically create rules for pitches, especially since it can change depending on the context or the dialect. Even the intonations provided in dictionaries are there for guidance; they morph when used in different contexts.

The only practical approach is to get the general sense of pitches is by mimicking native Japanese speakers with careful listening and practice.

Some special notes:

- Voiced consonants vibrate the vocal cords, while unvoiced consonants don't (see Tofugu article).
- In the modern □□ dialect, □ and □ are pronounced exactly the same way: "zu", as expressed in their identical Hepburn romanisation (§G1.5).
- When in the middle of words, DDDDD may be pronounced with a "ng-" start instead of a "g-" start. This is a regional variation (that's not too uncommon); both ways are acceptable (see Tofugu article).
- Vowel extensions (§G1.4.1) are pronounced as vowel extensions; do not pronounce the extender if it's a different vowel! For example, □□ is pronounced sen-se with an elongated trailing "e" vowel. There is no "i" vowel sound!
- Almost every □□ character has two different readings (see §G1.7):
 - ► □□□: Chinese-derived. Used in compound □□ and idioms (both known as □□).
 - ▶ □□□: native Japanese. Used in solo □□, solo □□ appended with □□□□, adjectives and verbs.

The purpose of trailing $\square\square\square\square$ is to preserve the pronunciation of the $\square\square$, even as the word is conjugated to different forms. It is also used to differentiate transitive and intransitive verbs ($\S G2.7.1$).

Note that although sometimes you may see $\square\square\square$ pronunciations written in $\square\square\square$ and $\square\square\square$ pronunciations written in $\square\square\square$, this is only used in dictionaries for differentiation. In standard $\square\square\square\square$, only $\square\square\square$ is used.

• The actual readings of □□ can change slightly in compound words to make them easier to say (e.g. □□ is □□□□ instead of □□□□).

When repeating \square using \square , rendaku (see §G1.6; unvoiced consonant becomes voiced, i.e. the dakuten, e.g. in \square , \square \rightarrow \square) and gemination (consonant lengthening, i.e. the \square , e.g. \square \square) may occur.

G1.4.1 Vowel extension

Vowel extensions follow the rules in Table 2. For notes on pronunciation, see $\S G1.4$.

Table 2: Vowel extension rules. Exceptions are bracketed in blue. /a/ is the phoneme representation.

Vowel to extend	Extend by appending		Example	
/a/			0000000000	
/i/			- <u></u>	
$/\mathrm{u}/$				
/e/				
/o/	□ (□)			

¹Conjugation: change of word form to fit a given context.

G1.5 Hepburn romanisation

Read main article on Wikipedia.

The official (as of Jan 2024) romanisation system of Japan. There are only a few rules.

Vowel extension (§G1.4.1) When vowels "a", "e", "o", "u" are extended as part of the same morpheme, it is expressed with a macron (overbar), and the extender vowel is dropped. Extension of "i" and the "e+i" combination are exceptions: they remain repeated.

- $\Box\Box\Box\Box$ obaasan \rightarrow obāsan
- □□ (city name) niigata
- $\square\square$ suugaku \rightarrow sūgaku
- $\Box\Box\Box\Box$ oneesan \rightarrow onesan

 $\Box\Box$ sensei

• □□□ toomawari → tōmawari
□□ benkyou → benkyō

This does not apply when the repetition crosses word boundaries or morpheme boundaries.

- □□ jaaku
- 🕮 haiiro

Also for terminal adjectives (???): $\Box\Box$ ii

• 🗖 mizuumi

Also for terminal verbs (???): □□ kuu (eat)

- DDD nureen ("open veranda (roofed hallway)")
- DDD koodori (dance of joy)

□□ koushi (calf)

Also for terminal verbs (???): □□ mayou (to get lost)

loanwords The macron is used iff $\square\square\square$ is used to extend a vowel.

Japanese words adopted into English Common place names like Tokyo, Kyoto and Osaka, while properly romanised as tōkyō, kyōto and ōsaka, are simply romanised as Tokyo, Kyoto and Osaka.

Particles When under are used as particles, they are romanised as wa, e and o respectively.

Examples: $\stackrel{\tiny{00\,0}}{\tiny{00}}$ kan'i (simple), $\stackrel{\tiny{00\,00}}{\tiny{00}}$ shin'yō (trust).

Geminated consonants () Double the next consonant, except if "ch" is repeated: in that case we use "tch" instead of "cch".

Examples: $^{\tiny \square\square\square}$ maccha \rightarrow matcha, $\tiny{\square\square\square}$ kocchi \rightarrow kotchi

G1.6 Rendaku

Read the main articles on Tofugu.

Rendaku occurs when multiple words join together to form one **compound word**, and the initially unvoiced consonant of a second word becomes a voiced consonant. In written form, the second word's first syllable gains a dakuten/handakuten mark. All dakuten/handakuten-marked

characters have voiced consonant beginnings (the "p" sound for handakuten-marked characters are considered to be "semi-voiced").

Compound words comprise words that can independently exist as words on their own.

Here are some general rendaku rules, though note that exceptions exist:

- Basic conditions:
 - 1. Two words come together to form a compound word.
 - 2. The leading consonant of the second word is unvoiced.
 - 3. The leading consonant of the second word is one of the four sets of characters that can change into a voiced consonant with dakuten or handakuten ("k", "s", "t", or "h").
 - 4. Surrounding the leading consonant of the second word are voiced vowels (or sometimes nasals like □: those do not stop rendaku).
- If the first word ends in □ or □, the "h" leading consonant of the second word usually rendakus to "p", "b" otherwise by default.

E.g.
$$\Box + \Box = \Box \Box$$
.

• When the second word is of Japanese origin $(\Box\Box)$, and the basic conditions above are met, then it undergoes rendaku. When the second word is of Chinese origin or a foreign loanword $(\Box\Box\Box\Box\Box\Box\Box)$, rendaku is *usually* prevented (unless the $\Box\Box$ is *vulgarised*, meaning it's become so common that it's treated as a $\Box\Box$ word, which doesn't prevent rendaku).

This is for avoidance of ambiguity in spoken language: $\square\square$ words mostly start with unvoiced consonants, so rendaku makes it clear that a compound word is used instead of two independent words. $\square\square$ and $\square\square\square$ words can and often start with voiced consonants, so rendaku would cause confusion by morphing rendaku-ed words into another different word.

A vulgarised exception is $\Box\Box$ + $\Box\Box$ = $\Box\Box\Box\Box$ ($\Box\Box$ is vulgarised). Other vulgarised words: $\Box\Box\Box\Box\Box$.

• When the first word is a □□ (in □□ + □□ compound words, where the first element uses the □□□ reading and the second element uses the □□□ reading), rendaku can be blocked. A notable exmaple is □□□□□.

In $\Box\Box$ compound words where both constituent words use $\Box\Box\Box$, rendaku does not occur in the grand majority of cases.

 Lyman's Law: If the second word has a voiced consonant or handakuten anywhere in it, rendaku does not occur.

This may be explained by the observation that two voiced consonants don't appear together side by side in single $\square\square$ words or phrases.

"Lyman's Law in reverse" says that sometimes, when the second word has a second voiced consonant, that can become unvoiced and the first consonant becomes voiced (rendaku). This is a rarity and won't be discussed further here.

- If voicing in the first word is too close to the second word, rendaku may (50/50) not occur.
 "Japanese doesn't really like having a bunch of dakuten and handakuten very close to each other."
- In words that come together to mean "X and Y," rendaku does not occur. In English, such words are rare but examples include "bittersweet", "stir-fry" and "sleepwalk".

E.g. $\square\square$ can mean either "mountains and rivers" or "a mountain river". For the former, when both sides are "equal status", rendaku does not happen and it is read $\square\square$. For the latter, when the first word is a noun modifier for the second, rendaku happens and it is read $\square\square$.

E.g. $\Box\Box$ does not rendaku (white and black are equals), but $\Box\Box$ and $\Box\Box$ do (colour is a descriptor of white/black).

• Repeating onomatopoeia do not rendaku.

E.g. DDDD as the sound of something sparkling/glittering, does not rendaku.

• Certain prefixes block rendaku and certain suffixes resist rendaku.

Blocking prefixes:

- □□ (half)
- ► □□/□□ (honorific)

E.g. 000000

- □□ (every)
- □□ (one)
- □□ (two)
- ► □□ (one-sided)

E.g. $\Box\Box\Box$ (rendaku blocked) vs. $\Box\Box\Box$ (rendaku happens).

- ► □□ (Chinese)
- □□ (white)
- ► □□ (black)

Resisting suffixes:

- □□ (previous/tip)
- $\bullet \ \square\square \ (string/cord)$
- ightharpoonup (beach)
- ► □□ (princess)
- □□□ (smoke)
- □□ (dirt)
- □□ (tide)
- □□ (blood)
- □□ (below)

G1.7 and and mixing the two

Read the main article on Tofugu1 and Tofugu2.

G1.7.1 History and why is the way it is

According to Tofugu, $\square\square$ was imported from China via religious texts (which the Japanese appreciated a lot). They merged the Chinese writing system into olden Japanese, but olden Japanese was already established and had its own set of pronunciations. The Japanese decided to adopt Chinese orthography, while co-opting both the Chinese-derived pronunciations ($\square\square\square$) and the native Japanese pronunciations ($\square\square\square$).

While $\square\square$ words adopted in the above manner have both $\square\square\square$ and $\square\square\square$ readings, some $\square\square$ words used today only have one:

- Those that only have DDD readings were imported from China wholesale, either because the concept didn't yet exist in Japanese vocabulary, or because there were multiple incompatible native terms for the concept which cannot be unified properly (back then, Japan wasn't one unified country, but comprised unrelated groups with unique systems of government, and presumably sub-languages).
 - E.g. \square (meat) \square (lumber) \square (feeling) \square (point) \square (doctor) \square (tea) \square (stomach) \square (work) \square (elephant) \square (time second).
- Those that only have □□□ readings were invented in Japan for a concept that was native to Japan.

E.g. \Box (field) \Box (princess) \Box (fragrant) \Box (mountain pass) \Box (frame) \Box (unhulled rice) \Box (sardine) \Box (horses' chestnut) \Box (to be crowded) \Box (to bloom).

Furthermore, olden China was always in a state of infighting and changing of powers. As power in China changed, so did the "official" language. The introduction of $\Box\Box$ from China to Japan happaned over a long period of time, across many Chinese powers and thus many "then-official" versions of the olden Chinese language. This explains why some $\Box\Box$ have multiple $\Box\Box\Box$ readings: Japanese scholars decided to co-opt them as new readings came, without deprecating the "older" readings. ("There were three major reading adoption periods in the history of the Japanese language: (4–6th century; the Wu Dynasty's pronunciation), (7–9th century; the Han Dynasty's pronunciation), and (1185–1573 the modern day Mandarin Chinese" pronunciation).)

The presence of multiple $\Box\Box\Box$ has a different historical explanation. Spoken Japanese existed before written Japanese. Multiple similar "senses" of a concept (e.g. to raise, to rise, to climb) have different pronunciations in spoken language, but were gathered under the same orthography when the written language was developed (e.g. $\Box\Box\Box\Box$).

G1.8 When to use and

- (lone □□□ □□: majority) These comprise majority of beginner words found in textbooks. Mostly nouns. □□□ is used.
- (lone □□□ □□: minority) These are characters with significant meaning, and includes things like counters and single □□ numbers. □□□ is used.
- (□□□ □□ compounds: majority; □□) These are compound □□ words without any trailing □□□□. All the constituent □□ have Chinese origins and thus □□□ is used.
- (□□□ □□ compounds: minority) These are a special class of compound □□ and comprise nature concepts (especially the very Japanese ones) and cardinal directions. □□□ is used for all the constituent □□.
- (□□□ □□ with trailing □□□□) Mostly adjectives and verbs, with the occasional nouns. When trailing □□□□ are present, □□□ is used most of the time.
- (□□□□□□□□□ compounds) These compound □□ words take words with mixed origins: the first Chinese-derived and the second Japanese-derived. The first word takes □□□, the second word takes □□□.

E.g. $\square\square$ (gold colour).

- (CDCC DC compounds) These compound CD words take words with mixed origins: the first Japanese-derived and the second Chinese-derived. The first word takes CDC, the second word takes CDC.
 - E.g. $\square\square$ (place), $\square\square\square$ (martial arts Aikido).
- - E.g. $\square\square\square\square$ (America; today we use $\square\square$ or $\square\square\square\square$), $\square\square\square$ (France; today we use $\square\square$ or $\square\square\square\square$), $\square\square$ (sushi), $\square\square\square$ (Asia; today we use $\square\square\square$), $\square\square$ (coffee; today we use $\square\square\square\square$), $\square\square$ (as expected; today we use $\square\square\square\square$).
- (CDC II: borrow Chinese meaning, invent reading) These were adopted when a concept could not yet be expressed directly in the adopted Chinese orthography at the time, but when broken down into simpler concepts, can be expressed using Chinese orthography at the time. The pronunciation follows neither CDC nor CDC of the borrowed Chinese orthography, but instead how the concept would be pronounced in spoken Japanese at the time (that does not later fall into CDC).
 - E.g. $\square\square$ (Tobacco (smoke + grass); today we use $\square\square\square$), $\square\square$ (speech; today we use $\square\square\square$), $\square\square$ (Japanese squash/pumpkin; today we use $\square\square\square\square$), $\square\square$ (shrimp; today we use $\square\square$), $\square\square$ (Japanese seaweed; today we use $\square\square$).
- (☐☐☐ III: borrow both Chinese meaning and the associated reading) Sometimes Japanese scholars were able to find Chinese orthography whose meaning and reading were both desired when representing a concept. These are happy coincidences, perhaps.
 - E.g. $\square\square$ (raincoat; today we use $\square\square\square$), $\square\square\square$ (club; today we use $\square\square\square$), $\square\square$ (abacus; today we use $\square\square\square\square$), $\square\square$ (razor; today we use $\square\square\square\square$), $\square\square$ (countryside).
 - Honestly, any time you see pronunciations that don't fall under $\Box\Box\Box$ or $\Box\Box\Box$, it's safe to assume they're under $\Box\Box\Box$, where things are borrowed and crafted from somewhere else; it's a bit unclear and the concept is probably even more complicated than what Tofugu presents (which is an incomplete overview): some of the pronunciations in $\Box\Box\Box$ III come from nowhere.
- (lone □□□ □□) These are foreign loanwords that attained their own □□. These are units of measure (e.g. metric system) and common words. These readings have been adopted into □□□.
 - E.g. \Box (metres; today we use $\Box\Box\Box\Box$ or \Box), \Box (page; today we use $\Box\Box\Box$ or \Box), \Box (zilch; today we use $\Box\Box$).

Finally, there's the bizarre class of Japanese names ($\Box\Box\Box$) which we best leave untouched here.

G2 Basic grammar

This section will grant you an overview of basic grammatical structures. The vocabulary associated with this section is fragmented by nature and only present to illustrate the grammatical concepts; vocabulary required for day-to-day conversation is left to §G3.

Some preliminary notes:

- The articles "the" and "a" do not exist in Japanese.
- Japanese does not distinguish between a future action and a general statement (e.g. "I will go to the store" vs. "I go to the store").

G2.1 Building clauses and sentences

Read the main article on Tofugu.

Essential clause elements are necessary parts of any clause. In $\Box\Box\Box$, the only essential clause element is the **predicate**, which is the information about the subject (which is often omitted if clear from context). Concretely, the predicate is either a clause-trailing verb (e.g. $\Box\Box\Box\Box\Box\Box$ is a complete sentence) or an [implied] state-of-being (e.g. $\Box\Box\Box\Box\Box\Box\Box$ is a complete sentence). In contrast, in English, both subject and predicate are essential to every valid clause.

Non-essential clause elements add complexity to the conveyed meaning. There are multiple:

- An **object** is the element of a clause acted upon by a transitive verb [§G2.7.1]. It is suffixed by □, the object marker particle.
 - A direct object is the person or thing that directly receives the action or effect of the verb. It answers the question "what" or "whom". (CAUTION: Using the "The subject verbed what?" as a test for transitivity is not foolproof and doesn't always work! It's merely a crutch. This is because certain verbs that are purely transitive in English can be expressed intransitively in Japanese (and vice versa). An indirect object answers the question "for what", "of what", "to what", "for whom", "of whom", or "to whom" and accompanies a direct object. (Source)

 E.g.

 [Source]
- E.g. u dddd (Make Susiii.)
- A **subject** is the entity that controls the verb in a clause. It is suffixed by □, the subject marker particle.
 - E.g. DDDDDDDD (My father makes sushi.)
- A **topic**. This is NOT to be confused with a subject. In English. It is suffixed by □, the topic-binding particle. For further details, see §G2.2.
- An adverbial provides information about the circumstances surrounding a sentence, such as the who, what, when, where, why and how. It is suffixed by the □ and □ particles.
- A sentence final particle is adds nuance to the sentence. \square adds an explanatory nuance $\S G2.10.4$. \square adds a informational nuance $\S G2.12$. \square adds an agreement-expecting nuance $\S G2.12$.

Japanese is primarily an SOV language, but this order is fluid and can be switched up to convey different emphases. We may bring parts-of-speech forwards to the beginning of sentences for emphasis. We may bring parts-of-speech backwards to the end of sentences to tuck away and deemphasise information. This is possible due to the case-marking particles.

Complex sentences can be formed by linking clauses using **conjunctive particles** (e.g. $\square\square$ (therefore), $\square\square$, $\square\square$, $\square\square$), which makes the connection (e.g. the therefore relationship) more explicit, or the **conjugation** of verbs and \square -adjectives (e.g. the \square form), which de-emphasises the connection. Apart from linking clauses, **embedding clauses** is also possible, typically used via **direct quotation** (using optional $\square\square$ marks, or $\square\square\square\square\square\square\square\square\square$ (said) \square), **indirect quotation** (using $\square\square\square\square\square\square\square$; the \square particle acts like a spoken quotation mark) and **noun modification by adjective-clauses**.

G2.2 Topics vs. subjects: particles

(Read discussion on Reddit, and Tofugu pages for clauses and sentences, , , and their differences.)

G2.2.1 Subject as part-of-speech, topic as meta-concept

The subject and topic of a sentence is hard to distinguish from an English perspective, since in English, the subject is also the topic by default. However, in Japanese, they are not necessarily the same. Whereas the subject can change from clause to clause, the topic can remain the same across numerous clauses (spanning a phrase, sentence or even paragraph). Note that the topic is not a grammatical part-of-speech! The topic is the theme of discourse.

G2.2.2 particle: the topic marker

□ roughly translates to "as for" in English, but is used far more often than "as for".

 \square casts <u>focus</u>/spotlight on a topic, and <u>implicitly conveys the idea that other potential</u> topics are cast aside. This strength of this <u>implicit contrast</u> depends on context and usage, specifically how unusual it is to see \square used in place of case-marking particles. Here is an illustration of the implicit contrast:

- □□□□□□□□□□□ The □ particle shines the spotlight on coffee, but implies the existence of other drinks. The speaker may be talking about other drinks, then moved the conversation to coffee. The speaker may want to offer coffee but imply the availability of other options.

The topic is <u>always</u> something already in the listener's consciousness. Therefore, in clauses containing \square , emphasis is placed on the new information following the particle \square .

Here are its various purposes:

as a topic marker Suffixed to a noun-phrase which is the intended topic.

Examples (topic is bolded):

- DDDDDD (Japanese is interesting.)
- □□□□□□ (What's this?; □□ is known from context; "this")
- DDDDDDDDDDD(I plan to go to Japan in the summer.; DDD: plan/intention; the speaker assumed that the listener doesn't know that they were planning to go to Japan.)

 $\square\square\square\square\square\square\square\square$ (When is it that you're going to Japan?; \square turns the verb into a noun-phrase; $\square\square$: when)

for contrasting two topics This happens when two (or more) topics are used in the same sentence.

Examples (topic is bolded):

- E.g. □□□□□□□□□□□□□(Tokyo has a high cost of living, but the countryside has a low cost of living.; □□: cost of living; □□: countryside; □□: cheap).
- E.g. DDDDDDD DDDDDD (I don't eat meat, but I do eat fish.)

If the effect of contrast isn't required, then \square is usually used instead:

- E.g. DDDDDDDD (The cost of living of Tokyo is high.)
- E.g. $\square\square\square\square\square\square\square$ (I don't eat meat, (but...))
- in middle of negative -adjectives to add implicit/explicit nuance/spotlight The added nuance is like that of "while"/"although"/"that's not the whole story", and the clause containing $\square X \square$ is typically followed by a clause adding continuation (though not compulsory, if the nuance's content is implied).

E.g. DDDDDDDDDDDDD(It is difficult, but it's also fun.; DD: exist, opposite of DD)

in middle of negative nouns and -adjectives to add implicit/explicit nuance/spotlight Similar effect to the above.

 $\square\square$ is a noun that is typically used as $\square\square\square\square\square$ or $\square\square\square\square\square\square$. $\square\square\square\square\square\square\square$ is possible, means the same thing, but is colloquial.

These are examples of the **compound particle** $\Box\Box$.

incompatible with question words, but commonly used in answers \square cannot be suffixed to question words like \square , \square and $\square\square$ (except special circumstances). The topic is always something that is already in the listener's consciousness: it isn't unknown! Instead, question words are suffixed by \square , \square , etc. depending on their role in the sentence.

It is however common to answer such questions \square to establish the now known topic.

suffix in compound particles to add implicit/explicit nuance/spotlight When forming compound particles, \square cannot be suffixed to \square , \square or \square .

• \square can either "replace" \square or become $\square\square$.

E.g. DDDDDDDDD(I've been to Japan; neutral statement.)

E.g. $\square\square[$] $\square\square\square\square\square\square\square\square\square\square\square\square\square($ I've been to Japan; + implicit comparison with other countries, perhaps I've never been to those.) (\square is more casual than $\square\square$.)

E.g. \(\Pi \) \

E.g. $\square\square$ $\square\square\square\square\square\square\square\square\square\square$ (The dog is barking in the kitchen; + implicit comparison with other locations.)

E.g. DDDDDDDDDD(I went to the movies with my younger brother; neutral statement.)

E.g. \square $\square\square\square\square\square\square\square\square\square\square\square$ (I went to the movies with my younger brother; with focus cast on brother, and implicit nuance that we don't know who else I did or didn't go with.)

to convey hesitation Usually prefixed to □ to form the compound particle □□ in such scenarios.

```
E.g. \Box\Box\Box\Box\Box\Box\Box... (Hmm, sushi...)
```

for changing scenes The speaker can intentionally break the conversation's storyline or momentum to emphasise something. This is done by repeating and re-shining the spotlight on the topic, even though it's already obvious to the listener.

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E.g. 0000000000 (This year I'm going to Japan.)
```

E.g. DDDDDDD (Japanese is interesting.)

E.g. DDDDDDDD(I ate a little.)

Note that \square is NOT a case-marking particle, whose job is to mark the grammatical role an element plays in a sentence. Instead, it binds a sentence to some known context. " tells us nothing about the grammatical role the item it marks plays in a sentence, it only establishes that item as the context under which the rest of the sentence holds true. So any word or phrase can become the topic, regardless of whatever grammatical role it plays otherwise. So the topic can be the subject, or the topic can be the direct object, or the topic can be the indirect object, or an adverb, etc. The topic can be anything."

Also note that \square cannot be used in adjective phrases if there is no contrast involved:

- DDDD[D/D/D]DDDDDDDDDD(I was accepted by the school that Jenny failed to get into.)

G2.2.3 particle

Read the main article on Tofugu.

 \square is simply the grammatical subject marker particle. \square is suffixed to noun phrases. It "points a finger at" the subject of a sentence, and implicitly puts emphasis on that subject (making it clear nothing else is the subject).

E.g. $\square\square[\square]\square\square\square(Someone's here.)$

E.g. $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (This natto is delicious.)

The subject is often omitted if clear. In fact, inclusion of the subject in cases where it's usually omitted brings about a kind of emphasis (e.g. "Did our dog do something to you? *Your* dog barked.").

Sometimes, \square itself is omitted instead, especially in spoken context. There is no change to the level of emphasis. This is up to personal preference. <u>However</u>, if the clause carries the meaning of singling out a particular member from a crowd, then \square cannot be omitted: $\square\square\square\square\square\square\square\square\square\square$

G2.3 Prelude: Basic grammatical structures

Conjugation is the change in verb or -adjective form to fit contexts.

• □□□□□□: informal yes/no

• □□: but

G2.4 Expressing state-of-being

There is no "to be" (is, are, was, were, am) in Japanese.

• D: declarative/assertive present state-of-being, suffixed to nouns and D-adjectives only.

An "assertive" marker. Using it without a communicative particle like \square or \square would sound standoff-ish and abrupt (i.e. rude) in spoken Japanese. A sentence ending with \square wouldn't sound like something that's used in an actual conversation, and is only natural in select cases:

• inside of indirect quotations (when paraphrasing what someone else said).

E.g. DDDDDDDDDDDD(I don't think that humans can live on Mars.)

E.g. DDDDDDDDDDDDDDDDD(A neighbour told me that the cherry blossoms were in full bloom.)

• when you find or notice something

```
E.g. \square\square[\square/\square/\square]^\square \square (Ah, it's snowing/a rainbow!)
E.g. \square\square\square\square \square (Ah, it's my phone.)
```

when you feel strongly about something

```
E.g. \Box\Box \Box (It's true!)
```

E.g. DDDDDDDDDD D (Ahh, there is a Kanji test tomorrow.)

- DDDD: negative present state-of-being, suffixed to nouns and D-adjectives only.
- □□□: past state-of-being, suffixed to nouns and □-adjectives only.
- $\square\square\square\square\square\square$: negative past state-of-being, suffixed to nouns and \square -adjectives only.

E.g. \square (Greeting and response)

E.g. 000000 / 00000 / 00000000

G2.5 Starter particles

For \square and \square , see §G2.2.

• \Box : introductory topic marker "as for/about", suffixed to the topic you're introducing.

Unless you're making a comparison, you usually do not use more than one \square in a sentence (see discussion on StackOverflow).

- E.g. DDD DDDDDDDD (Alice, are you a student? Yeah, I am.)
- E.g. $\square\square$ $\square\square\square\square\square\square\square$ $\square\square\square$ $\square\square\square$ (Today is exam. What about John? His exam is tomorrow.)
- D: inclusive topic marker ("also"), suffixed to the topic you're including.
 - E.g. DDDDDDDDDDDDDDD (Alice, are you a student? Yeah, and Tom is a student too.)
- \Box : identifier/subject marker "the one", suffixed to a question or the identified. Used when the topic is unknown, and you are either asking for what the topic is, or identifying what the topic is.
 - E.g. \square $\square\square\square$ \square $\square\square\square$ (Who the one student? Me the one student.)

G2.6 Adjectives

Adjectives (adjective phrases) modify a noun that comes after it.

- \square -adjectives: act like nouns and use the same particle rules as in §G2.5. Use \square to directly modify the noun that comes after \square , only in the present-positive case.
 - E.g. DDDDDDDDD (Quiet person, pretty person.)
 - E.g. $\Box\Box\Box\Box\Box\Box$ (Friend is kind.) $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (Friend is kind person).
- \square -adjectives: always end with $\square\square\square\square\square\square\square$ that is <u>not</u> part of a $\square\square$ word's pronunciation: it must literally be a $\square\square\square\square\square\square\square\square$. As examples, \square at adjectives; they are \square -adjectives. $\square\square$ being a \square -adjective has to do with $\square\square$ being derived from the verb $\square\square$. REVISIT FUTURE

Do not attach the \square suffix to \square -adjectives, just as you don't use \square with $\square\square\square\square\square\square$ is not applicable for \square -adjectives: there is no need for any attachments.

E.g. \Box $\Box(I \text{ don't really like expensive restaurants.})^2$

Regarding conjugation, one \Box -adjective family is an exception: $\Box\Box$. Historically, the word for good changed over time from $\Box\Box$ to $\Box\Box$, but conjugations are still take $\Box\Box$ as the base. Same applies to $\Box\Box\Box\Box$, which takes $\Box\Box\Box\Box$ as the base.

Table 3 shows the conjugations and usage syntax for \square - and \square - adjectives.

Table 3: Adjective conjugations. I purposely use $\square\square\square\square$ instead of $\square\square\square\square$ (and their variants) here to show that you can use either; it's up to personal preference. I personally prefer the use of $\square\square$ (i.e. $\square\square\square\square$) because it can be more specific and it's easier to read (in that at a glance, it's easier to derive meaning from $\square\square$'s widely varying word shapes, compared to a sea of $\square\square\square$ characters). Note however that $\square\square$ is usually written in $\square\square$ alone when used as part of conjugations, as in this table.

	Positive	Negative
	$<$ na-adj $>$ \square <nn<math>></nn<math>	<na-adj>0000<nn></nn></na-adj>
Present		
Present	□□ <nn></nn>	0000 <nn></nn>
	00000 <nn></nn>	0000000 <nn></nn>
	<na-adj $>$ 000 $<$ nn $>$	<na-adj>00000<nn></nn></na-adj>
Past	<i-adj root $>$ 000 $<$ nn $>$	
rast	0000 <nn></nn>	000000 <nn></nn>
	0000000 <nn></nn>	00000000 <nn></nn>

G2.7 Verbs

Read the main article regarding verb classes and conjugations on Tofugu.

Verbs always come at the end of clauses.

Verbs are categorised into three groups, as shown in Table 4. Be flexible: all these terms are used in different textbooks and dictionaries. Thankfully, they are easy to remember, along with the observation that there are way more Group I verbs than Group II verbs, and there are only two Group III verbs (or up to a dozen, depending on how you count them).³

Table 4: Verb classifications. *There isn't a Japanese term for exception verbs; $\square\square$ and $\square\square$ are the only members of the $\square\square\square\square\square$ subclass.

	Group 1	Group 2	Group 3
	Pentagrade verb	Monograde verb	Irregular verb
C .	Godan verb	Ichidan verb	Special class
Synonyms	Group I verb	Group II verb	Group III verb
	□-verb	□-verb	Exception verb
	Consonant-root/stem verb	Vowel-root/stem verb	-

In a nutshell, -verbs is the class of almost all <u>-iru/-eru</u> verbs. Exceptions include $\square\square\square\square\square\square\square$ which are \square -verbs.

Conjugations for verbs are the most complicated among all parts-of-speech, and are shown in Table 6.

The reason for the class names are as such:

³Mnemonic I'm using: Group I is the most superior; □□ is superior to □□; □ comes before □ in the □□□ alphabet chart.

- □-verbs all end with the □□ sound. As □-verbs conjugate, the ending □□ sound shifts through all five vowels □□ (negative)□□□ (polite)□□□ (dict)□□□ (potential)□□□ (volitional), thus the name □□ (five-level).
 - Conjugation of verbs occurs at the phonological level (sounds of the language), which transcends the abilities of the orthography. The **root/stem** of verbs stops at the terminal consonant, thus the name consonant-root/stem. (E.g. the root of $\Box\Box$ is /kik/ and this remains unchanged through conjugations!)
- □-verbs all end with the □ character. As □-verbs conjugate, the □ character is replaced for other endings. The **root/stem** (the part before the □ ending) remains unchanged through conjugations and doesn't cycle through the five vowels, thus the name □□ (one-level). The root/stem stops at the terminal vowel, thus the name vowel-root/stem. (E.g. the root of □□ □ is /tabe/ and this remains unchanged through conjugations!)

Since there is no consensus on the definitions of root/stem, I'll use "root" to refer to /kik/, and "stem" to refer to the stem form $\Box\Box$.

G2.7.1 Transitive and intransitive verbs

Read the main article on Tofugu.

A transitive verb takes a direct object, while an intransitive verb does not take a direct object. A direct object is the person or thing that directly receives the action or effect of the verb. It answers the question "what" or "whom". (CAUTION: Using the "The subject verbed what?" as a test for transitivity is not foolproof and doesn't always work! It's merely a crutch. This is because certain verbs that are purely transitive in English can be expressed intransitively in Japanese (and vice versa). An indirect object answers the question "for what", "of what", "to what", "for whom", "of whom", or "to whom" and accompanies a direct object.} (Source)

Some verbs have two forms: transitive and intransitive. These two forms sometimes have different pronunciations. I guess it comes down to experience. Examples shown in Table 5.

There are no easy tricks to tell whether a verb is transitive or not. There are no simple rules that say a particular DDDD implies a certain transitivity. Japanese verbs are a mess!

DO NOT confuse transitivity with passiveness. English dictionaries like to define verbs using the "to ..." construct, and this is carried over to English-Japanese dictionaries. Intransitive verbs are often defined using passive voice, but

 $\label{eq:passive voice} \text{passive voice} \Rightarrow \text{verb is intransitive} \\ \text{verb is intransitive} \Rightarrow \text{passive voice} \\$

A counterexample to the first implication is "The apple was eaten.". Here, "eat" is transitive (the direct object is the apple, and the subject, now oblique/non-obligatory, is omitted)! A counterexample to the second implication is "I slept". Here, "sleep" is intransitive, and active voice is used.

Thus we can't use the passive voice as a marker for intransitivity. In fact, in Japanese, the passive voice has a conjugation of its own, which applies for both transitive and intransitive verbs (yes, intransitive verbs in Japanese can take passive voice too, §G4.1.2). Take special care NOT to interpret the passive voice "to be …" (endemic to English definitions) in §GA.1.4] as equivalent to intransitivity. Transitivity and passiveness are intertwined (SL) but remain independent concepts.

In fact, in English only and not in Japanese, the converse of the two implications above are true, because intransitive verbs do not have a passive form, due to the lack of objects (and thus no object to promote to subject role, which is part of passivisation).

 $\label{eq:passive voice} \text{passive voice} \Rightarrow \text{verb is transitive}$ verb is intransitive $\Rightarrow \text{active voice}$

(In fact these two are now contrapositives, i.e. they convey the same meaning.)

Table 5: Example transitive verbs and their intransitive counterparts.

Transitive	Meaning	Intransitive	Meaning
	to pick up	000	to rise
	to drop	000	to fall
	to put in		to enter/go in
	to take out		to exit/come out
000	to open	<u> </u>	to open
000	to close	000	to close
000	to turn on (lights/appliance)		to turn on (lights/appliance)
	to turn off (lights/appliance)	000	to turn off (lights/appliance)
	to pierce	000	to pierce
	to pull out/extract	000	to fall out/extract

G2.8 Nouns, adjectives, verbs conjugation summary

Table 6 shows all the conjugation rules we've seen so far.

Table 6: Basic conjugation rules, for nouns, adjectives and verbs. [] means optional; \square is a dictionary-form placeholer; green means additive (without modifying the dictionary-form); blue means substitutive (modifies the dictionary-form); red means exception.

	Positive			Ne	gative	T 1	
Category —	Present		Past	Present	Past	- Examples	
Noun/□-adjective	etive OD[D]		00000	000000	0000000	00000	
□-adjective	e 👊		00000	000000	0000000	000000000	
	000		00000	00000	000000		
□-adjective	00		0000	0000	00000	00000000000	
	00000				00000000		
				00000	0000000	00000	
				00000	000000	0000000	
			000	0000	000000		
				00000	000000	00	
				00000	000000	0000000	
□-verb				00000	000000		
				00000	000000	00	
				00000	000000	0000000000000	
	00			00	0000		
				00000	000000		
				00000	000000	مممم	
□-verb	00		00 0	00 00	00 0000	00000000000000*	

C-t	Positive		Negative		. F	
Category —	Present	Past	Present	Past	- Examples	
	0000	0000	00000	0000000	000000000000000	
Exception verb	00	<u>.</u> □□		00000		

G2.9 Verb particles

• D: direct object marker, suffixed to the target object of transitive verbs.

E.g. 0 0000(Eat fish.)

E.g. $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$

Direct objects can be **places** in Japanese too, since the motion verb is done *to* the place. This is the only exception where \square can be used for intransitive verbs. <location> \square <motion verb> expresses the meaning that the motion verb is performed to traverse the location.

E.g. $\square\square\square\square$ $\square\square\square$ (Run through expressway.; $\square\square$: run (intransitive))

Invisible in <**noun>** $_-$: $\square\square$ (do) can be suffixed to nouns, and the \square while technically needed, is optional.

E.g. 00000000[2]000(Study Japanese everyday.; 00[2]00)

• \square : target marker, suffixed to the <u>target</u> (physical or abstract) of any verb (transitive or non-transitive). The target is <u>emphasised as the final destination</u>. The notion of a "target" is not restricted to motion verbs; the <u>location of objects</u> is the target of the verbs for existence (\square and \square); <u>time</u> (e.g. today, last week) is also a common target.

E.g. \square \square \square \square \square \square \square \square \square means home, \square means own home.)

% E.g. \square \square \square \square \square (Come to room.)

E.g. DDDDDDDDC(Chair was in the kitchen.)

E.g. $\square\square\square\square\square\square\square$ (Cat is in room.)

E.g. $\square\square\square\square$ $\square\square\square\square$ (Met good friend; past tense of $\square\square$.)

E.g. $\square\square\square\square\square$ $\square\square\square$ (Jim will become doctor; $\square\square$: become)

E.g. DD DDDDDDD(Went to library last week.)

When suffixed to time, \square is not always required. Its presence emphasises a "promise" element to the target. To remove this emphasis, use $\square \square$ instead.

To mean "from", use the \square \square from-marker particle.

E.g. $\square\square\square\square\square\square\square\square\square$ $\square\square\square$ (Alice came from America.; past tense of $\square\square$)

The start and end can be specified with $\Box < from > < to > \Box$.

• □: direction marker, suffixed to direction of verbs (transitive or non-transitive). Pronounced □. Unlike □, which specifies target/destination, □ specifies the general direction we're heading towards, from the starting point. Also, unlike □, it does not guarantee that the target is the final destination. □ is restricted to verbs with a physical direction (in the physical or abstract sense) like □□□□□□□□□□□; verbs like □□ (become) have no direction associated with it and so clauses containing □□ as the trailing verb cannot use □!

```
E.g. \square\square\{\square/*\square^*\}\square\square\square(\text{Come }\{\text{towards/to}\}\text{ room.})
```

E.g. DD DDDD(Go towards victory.)

• \square : context marker; "by way of". It provides supplementary context: where, what, how.

```
E.g. \square\square\square \square\square\square (Saw at movie theatre.)
```

E.g. $\Box\Box\Box\Box\Box$ (Go home by bus.)

E.g. 00000 00000000(Ate lunch at restaurant.)

Note that \Box can only be used with transitive verbs, unless the direct object is the **location** of an intransitive motion verb, as mentioned above when introducing $\Box\Box\Box$.

E.g. $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (I turned on the lights; past tense of $\Box\Box\Box$)

E.g. DD DDD(Turn off the lights.)

E.g. □□□□□□□(The lights turned on; incorrect to use □ here as □□ is intransitive and doesn't have any active agent)

E.g. DDDDDDD(The lights turned off; past tense of DDD; incorrect to use D here as DDD is intransitive and doesn't have any active agent)

E.g. $\Box\Box\Box$ $\Box\Box\Box\Box\Box$ (Who opened the window?; \Box : window)

E.g. $\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square$ (Why did the window open?; past tense of $\square\square$; incorrect to use \square here as $\square\square$ is intransitive and doesn't have any active agent)

E.g. $\Box\Box\Box\Box\Box\Box$ (past tense of $\Box\Box$)

G2.9.1 and in questions

"What" is expressed as . "Why" is expressed as $\square\square\square\square$ (proper) $\square\square$ (forceful/formal) \square (colloquial). Note that $\square\square$ has nothing to do with the \square particle; it is a completely separate word.

When asking a question as a speaker, use the correct one: $\Box\Box\Box$ for "what", and $\Box\Box\Box$ for "why". When reading written text, obtain context from the answer. As a general rule of thumb, asking why ($\Box\Box\Box$) is much more common.

Note that $\square\square\square$ here has got nothing to do with $\square\square$ as in "from", we'll see this later in compound sentences [§G3.6.3].

G2.9.2 Compound particles to set location topic

 $\square\square\square\square\square$ can be suffixed with \square/\square to set the topic/inclusive topic when the <u>location</u> becomes a topic.

G2.9.3 Particle to set direct object topic

 \square cannot form compound particles. To set direct object as topic, simply use \square .

E.g. $\Box\Box\Box\{\Box/\Box\}\Box\Box\Box$ (Learn Japanese.; It is incorrect to use $\Box\Box$; that compound particle doesn't exist.)

G2.10 Noun modification

 \Box -adjectives and \Box -adjectives can be used to modify a following noun, using "connectors" like { $\Box\Box$ $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ } and { $\emptyset\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ } respectively.

Verbs and nouns too can be used to modify a following noun.

G2.10.1 Relative verb clauses as adjectives: verbs modifying following nouns

Relative verb clauses (verb phrases) can be directly used to modify nouns.

- (present-positive) □□□□ (Bob is a person who always studies.)
 (present-negative) □□□□□ (Friend who buy red pants is Bob.; □□□: pants)

G2.10.2 Noun chain

A string of present-positive nouns is grammatically correct only if they are not meant to modify each other.

```
E.g. \Box\Box\Box\Box\Box\Box\Box\Box (International Education Centre)\Box\Box\Box\Box\Box\Box (stage character)\Box\Box\Box\Box\Box\Box (no entry/trespassing)\Box\Box\Box\Box\Box\Box (travel allowance).
```

G2.10.3 Noun phrases as adjectives: nouns modifying following nouns

Present-positive modifiers require noun-related particles (DDDDDDDD, see §G2.10.4). The other three tenses (present-negative, past-positive, past-negative) can directly modify nouns without any additional particle.

- (past-negative) DDDDDDDDD(Alice who was not a friend, became a good friend.)

G2.10.4 Noun-related particles

Noun-related particles are used to connect nouns together.

• \square : inclusive noun connector (exclusive listing or together-with). It is used *between* nouns in a list, not as a marker at the end of each noun. It is similar to $\square\square\square$ in terms of <u>inclusivity</u>. It can also be used to show an <u>action was done together</u> with something or someone.

E.g. DD DDDD(Met with teacher.)

• \square : noun vague listing connector. Similar to \square , it is used *between* nouns in a list, not as a marker at the end of each noun, with the implied meaning that the list is non-exhaustive, and some items on the list may not apply. In English, this is like the "and/or, etc." constructs.

E.g. $\square\square\square$ $\square\square\square$ $\square\square\square\square\square\square\square\square\square\square\square$ (You don't need (things like) drink, cup, or napkin, etc.?; present-negative of $\square\square$ as in $\square\square$)

▶ $\square\square$: vague listing particle (colloquial). Used exactly like \square but in informal settings. It is used *between* nouns in a list, not as a marker at the end of each noun.

E.g. $\square\square\square$ $\square\square\square$ $\square\square\square\square\square\square\square\square\square\square\square\square$ (You don't need (things like) drink, cup, or napkin, etc.?; present-negative of $\square\square$ as in $\square\square$)

E.g. D DDDDDDD(Buy shoes and shirt, etc.)

• □: possession marker, generic noun, or explanatory particle. The □ particle has three uses:

Possession marker <0wner>□<0wnee>. Can refer to hierarchical classifications too.

E.g. $\square\square$ $\square\square$ (Book of Bob).

E.g. □ □□□(Bob of book; probably a mistake.)

E.g. DDDDDDDD DD DDDD (Bob is student of college of America.)

The ownee (noun that is modified) may be omitted if clear from context.

E.g. D DDDD [DDD]DDD [DDD]DD (Whose shirt is that shirt? It is the shirt of Bob.)

Note that \Box are abbreviations of $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ respectively.

Generic noun (nominaliser) The □ particle can be suffixed to relative clauses (adjective-phrases and verb-phrases) to represent a generic noun, taking the place of an actual noun. This usage allows us to treat adjectives, adjective-phrases, verbs and verb-phrases as nouns using a □ suffix. Then, particles applicable to nouns can be used as a suffix to the noun-phrase: □□□□□□□□□. Detailed uses are in §G2.10.6.

E.g. (D-adjectives) DDDDDDDDDDQQQuiet one is room of Alice.) (Note that the D cannot be dropped! All previous rules still apply.) DDDDDDDDDDDDDDCC"The quiet room is Alice's.") is also ok.

E.g. (D-adjectives) DDDDDDD(Thing that is white is cute.)

E.g. (verbs) DDDD(Studying every day is tough.)

E.g. (verbs) DDDDD(Forgot the event of going to class.)

E.g. (relative clause) DIDDDDDC(It's not interesting to eat the same thing every day.)

Alternatively, and can be used for generic objects and events respectively, instead of \square .

E.g. DDDDDDD (Thing that is white is cute.)

E.g. DDDDD (Forgot the thing of going to class.)

Note that in the case of verbs/relative verb clauses (verb phrases), the plain form must be used; the polite $\Box\Box\Box$ form is wrong.

E.g. DDDDDD(I don't need things like this.)

Abstract noun/explanatory □ as a sentence-ending particle conveys an explanatory tone in responses, and explanation-seeking tone in questions. It represents the abstract noun "the thing is...", and is believed to be an abbreviation of □□□□□□□. □ can also be used as a suffix to □-adjectives or state-of-being noun-phrases, though in those cases must be used in order to differentiate it from the possession marker or generic noun purposes of □. One exception to this disambiguating function is □-adjectives: both generic noun and explanatory purposes use □□□. Prefer {/} for explanatory.}

E.g. $\Box\Box\Box\Box(\text{It belongs to Jim.})$

E.g. $\Box\Box$ $\Box\Box$ (It is Jim; with explanatory tone.)

This explanatory tone results in \square being used in strong commands, explaining things you should or shouldn't do, or explaining parts of a procedure.

E.g. $\Box\Box\Box\Box\Box\Box\Box$ \Box (Do you clean first?) $\Box\Box\Box\Box\Box\Box\Box$ [] $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ [] \Box (First, clean it. Then, once it is clean, cut it like this; the $\Box\Box\Box\Box$, if dropped, causes the reply to become informal/childish/feminine.)

The \square in sentence-end expressions are typically substituted by \square as it's easier to say (e.g. $\square\square \to \square\square$). $\square\square$ is however also used with all forms of nouns, adjectives, and verbs, and has its own set of conjugation rules, as shown in Table 7.

E.g. $\Box\Box$ \Box (It is Jim; with explanatory tone.)

Further examples with polite speech:

E.g. $\Box\Box\Box\Box\Box$ { / } $\Box\Box\Box$ (Why were you late?)

E.g. \Box { / } $\Box\Box$ (Why didn't you go to the party? Because I didn't have time.; polite)

E.g. \square { / } \square (You didn't go to the party? Yeah, because I didn't have time.; casual)

E.g. $\square\square\square\square$ { / } $\square\square\square\square\square\square\square\square\square\square\square$ (I am a student, therefore I have no money.)

E.g. DDDDD { / }DDDDDDDDD (It is quiet here, therefore it is very calm here.)

For verbs, any form is usable (beyond {positive, negative} \times {present, past}), except forms like the command form or the volitional form, which do not make sense for explanations. Also, the polite verb form $\square\square\square\square\square$ and polite \square -adjective form $\square\square\square\square\square$ cannot be used with $\square\square\square\square\square$; use the plain form. If you want to be polite, use $\square\square\square\square\square\square$.

 \square is used in formal settings and \square in informal settings. The first casual form attaches \square to any tense of a noun/adjective/verb; the second casual form attaches \square to the dictionary-form, then conjugating the \square . Both casual forms have slightly different nuances.

- $\Box/\Box\Box/\Box\Box\Box/\Box\Box\Box$: these are simply the sentence-ending explanatory \Box particle.
- DDDDD/DDDDDDD: mildly slang, to prohibit or request that something not be done: "don't, mustn't". The latter from is more formal, and used when the speaker wants to forbid something but not sound angry (e.g. adult talking to a child).

E.g. $\square\square\square\square\square$ \square (Don't make fun of me!)

• DDDDDDD: mildly slang, to express nuance of regret/disappointment: "shouldn't have".

E.g. $\square\square\square\square\square\square\square\square\square$ \square (I shouldn't have bought a cheap car like this one.)

E.g. $\Box\Box\Box$ \Box (Shouldn't have eaten it.)

Read more about these nuances at Sources 1, 2, 3.

Table 7: caption							
Purpose	G. (Dictionary form		Positive		Negative	
	Category		Present	Past	Present	Past	
Possession	Noun		000[0]*	000000	0000000	00000000	
Generic noun	□-adjective	00		00000	000000	00000000	
Generic noun	□-adjective/verb	00	000	□□ <conj>□</conj>	□□ <conj>□</conj>	□□ <conj>□</conj>	
		00	0000[0]**0	000000[0]**0	0000000[0]**0	00000000[0]**0	
	Noun/□-adjective		000000	00000000	000000000	00000000000	
	Noun/u-adjective			0000000	00000000	0000000000	
Explanatory -			000000	00000000	000000000	0000000000	
Explanatory		00	000[0]**0	□□ <conj>□[□]**□</conj>	□□ <conj>□[□]**□</conj>	□□ <conj>□[□]**□</conj>	
	□-adjective/verbs		000000	00 <conj>000</conj>	00 <conj>000</conj>	00 <conj>000</conj>	
	u-adjective/verbs		00000		□□ <conj>□□□</conj>	□□ <conj>□□□</conj>	
			000000	00 <conj>0000</conj>	□□ <conj>□□□</conj>	□□ <conj>□□□</conj>	
	Noun/□-adjective	00		0000000	00000000	000000000	
Special -	Noun/u-adjective				0000000000		
speciai -	- 1: .: / 1	00		000000	0000000	000000000	
	□-adjective/verbs				0000000000		

Read the supplementary (and) article on Tofugu, if you need more clarification.

G2.10.5 particle I: the noun modifier (label maker)

Read the main article on Tofugu.

Applicable schemae:

• <noun label>[<noun labelled>]. The labelled can be omitted if clear from context. The label can be stacked.

E.g.
$$\square$$
 \square

```
E.g. 0 0000 00 (0000: toy)
```

- <particle> \square <noun labelled>. \square "to" label. E.g. \square \square "CAirplane bound for America.)
 - ► □□□: "from" label. E.g. □□□□ □□□□(Airplane from America.)
 - \blacktriangleright □□□: "only" label. E.g. □□ □□□ (A life of only sleeping.)
 - ▶ □□: "quote" label. E.g. □□□□□□□□□□□ □□□□□□□(A message saying "Come back soon!".)

Here are its various purposes. Note that possession isn't the only one!

as possession marker <owner>□<ownee>.

```
E.g. \square (Ny mother.)
```

as affiliation marker <affiliation>□<affiliated/position>. Typically used in business settings to show which organisation someone belongs to.

```
E.g.
       □□□□□□□(This is Kyoko from Tofugu.)
```

□□□ (Professor at Tokyo university.) E.g.

as "about" marker <about>□<labelled>.

research of someone named $\square\square\square$.)

as location/time label Whereas with the \square particle we needed to specify a verb after \square , with the particle the location/time is treated as a label for the main noun.

```
\Box\Box\Box\Box\Box (The 5am alarm.)
E.g.
```

as "degree" marker This refers to labels indicating amount, quantity, price, size, etc.

```
E.g. DDDDDDDDD (Fifty American people.)
```

E.g. DDDDDDDD (A four-thousand yen mango.)

as order/rank marker Things like first, second, third, etc.

```
E.g. DDDDDDD (First test.)
```

E.g. DDDDDDD (World's number one hot spring.)

for apposition Apposition: the relationship between different words that mean the same thing.

```
E.g. DDDDDDDD(The fruit, banana.)
```

E.g. DDDDDDDDD(The principal, Suzuki Sensei.)

as materials/ingredients marker Typically used in menus to indicate ingredients used in dishes.

```
E.g. \square\square\square\square\square\square\square\square (Miso soup with clam.)
```

E.g. DDDDDDDDDDD(Plastic cup.)

as a replacement for for -adjectives (compared to -adjectives) Adjective-like nouns like \square and \square and take \square when modifying nouns.

```
E.g. DDDDD (Normal car.)
```

E.g. DDDDDDD(long-awaited reunion)

as a replacement for in relative clauses Relative clauses are clauses that precede and modify nouns.

For further elaboration on \square -adjectives, see §G2.10.7.

G2.10.6 particle II: the nominaliser

Read the main article on Tofugu.

Basic usage is as in the initial description of \square earlier, under "generic noun" and "explanatory". This section covers the various contexts in which we use \square to nominalise other parts-of-speech:

Non-physical things \square can turn immaterial things like events, ideas, facts, and thoughts (expressed as embedded clauses ending with verbs) into nouns. These are covered under the nominaliser $\square\square$.

E.g. { / }□□□□□□(I'm frustrated about not being able to backflip; □□□: to be able to do.)

Material things $\ \square$ can turn adjective-phrases describing material things into nouns.

E.g. $\Box\Box\Box\Box\Box\Box(I \text{ want to eat sweet things.})$

E.g. DDDDDD(What I used to have as a pet was a dog; D: olden days; DD: to keep a pet)

E.g. DDDDDDD (Who's there?)

Time and location □ can turn clauses describing time or location of events (expressed as embedded clauses ending with verbs) into nouns. The resultant outer clause often contains elements indicating a particular time or location.

E.g. DDDDDD(The suitcase will be delivered tomorrow; DD: to be delivered/arrive)

E.g. DDDDDDDDD(This city was beautiful fifty years ago.)

E.g. DDDDDD (The next olympics will be held in Tokyo; DDDD: to host an event)

E.g. DDDDDDDDD(I was born in New York; DDDD: to be born)

Reason \Box can be a placeholder for an explanation, similar to its sentence-ending explanatory usage.

E.g. DODOO DODOODOO (Why did you think so?)

Listing \square can be used to *complainingly* list things (similar to the inclusive noun particle \square and vague listing particle \square , with the added complaining tone). When listing verbs, use . When listing nouns or \square -adjectives, use (not \square ! That is for the explanatory usage.). while emphasising the similarity or contrast between items in a list.

E.g. DDDDDDDD DDDD DDDD(We argued over whether to go to a restaurant or not; DDD: to dispute)

E.g. $\square\square\square\square\square$ $\square\square$ $\square\square\square\square\square\square\square$ (I'm busy with things like studying for exams and club activities.)

There is a special idiomatic pattern used to enthusiastically say that something is extraordinary. Take the same adjective and repeat it twice, once in the positive and once in the negative, using the suffix.

This can often also be expressed with another idiomatic expression (supplementary reading here).

G2.10.7 The adjective-noun spectrum: -adjectives and -adjectives

Read the main article on Tofugu.

In short, \square is used when you want to describe nouns, and \square is used when you want to label nouns (e.g. $\square\square\square\square\square\square$ vs. $\square\square\square\square\square\square$ respectively).

Many \square -adjectives exhibit this flexibility of converting between adjectives and nouns, based on whether they are suffixed by \square or \square . Linguists refer to \square -adjectives as "adjectival nouns" or "nominal adjectives".

There exists a adjective-noun spectrum for adjectives: some are suffixed with \square more often, and others \square more often. Table 8 provides examples.

Meaning Meaning Meaning Meaning > > well/fine like large amount a little health(y) illness/desease true/truth simple ПП ПП important safe(ty) best/highest eternity no good/not allowed beautiful woman normal/ordinary largest/maximum to be decided/pending ПП пп quiet wonderful/miraculous smallest/minimum peace/harmony unique/original 0000 very a lot splendid happiness fastest truth/reality 00000 selfish(ness) misfortune/disaster first-class/top-ranking one cup complicated/complex anxiety/worry/fear individual/separate premium/luxurv strange characteristic/native $\operatorname{correct}$ equality/impartiality another/difference anonymous/nameless strange ПП necessary/needed unknown serious small amount difficulty/hardship weak at/bad at danger disliked impossible strange/abnormal honest(lv) kind/generous cruel competent calm

Table 8: $\square/\square\text{-adjectives}$ on the adjective-noun spectrum. $\square\text{-adjectives}$ do not apply.

The different parts of the spectrum are described as follows:

serious

- "□-adjectives": the adjective side of the spectrum. These are frequently used to describe nouns, and are tagged as □-adjectives in many Japanese-English dictionaries.
- "□-adjectives": the noun side of the spectrum. These are frequently used with the □ suffix to form labels for nouns, and are tagged as □-adjectives in many Japanese-English dictionaries.

Words in this category are broadly divided into two groups: those that express <u>absolutes</u> (e.g. $\square\square\square\square\square\square\square\square\square$) and those that express <u>quantities</u> (e.g. $\square\square\square\square\square\square\square\square\square\square\square\square\square\square$).

Those that express absolutes usually cannot take adverbs (there is no "little" absolute or "big" absolute; an absolute is a binary thing, either it's absolute or not). Those that express quantities can.

E.g. $\Box\Box$ $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box(I \text{ was able to catch incredibly many fish yesterday.})$

• Words in the middle of the spectrum: these have subtle shifts when suffixed with □ vs. □, but one is typically used more frequently than the other. Typically, □ is used with a slight bias towards the act of objective labelling, while □ is used with a slight bias towards the act of subjective describing/judging. As a result, using □ for some of the adjectives can seem negative or even rude. It's safer to use □, if unsure.

E.g. □□□□□□□□□ □□□□□ (There are many sick (judgmental) people at that institution; □□: facility)

Lastly, there is the \square \square construct. Although $\square\square$ is typically used as $\square\square\square\square\square$ or $\square\square\square\square\square$, we can suffix nouns with $\square\square\square\square\square$ to convey the "mood" associated with the noun. Examples include $\square\square\square\square\square\square\square$ ("I'm feeling like wine tonight/It's a wine kinda evening."), $90\square\square\square\square\square\square$ ("I'm feeling really 90's today"), \square $\square\square\square$ ("feeling those beachy vibes") and $\square\square\square\square\square\square\square$ ("feeling like it's over").

G2.11 Adverbs

Just as adjectives describe nouns, adverbs describe adjectives, verbs, other adverbs, or whole sentences. They come before the thing they describe, and the common ones are:

- DDD/DDD: very/extremely
- DDDD: very/extremely/excessively
- □□: very/greatly/terribly
- □□□: super
- □□□: very
- □□□□: many/a lot
- 00/000: fairly
- DDDD: a little
- 🗓: a little
- □□□<negative conj>: not very
- □□: (not) at all

To turn adjectives into adverbs:

• \square -adjectives: $\square\square \rightarrow \square\square\square$

E.g. $\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square$ (Alice did her own room toward clean / Alice did her room cleanly / Alice cleaned her room; $\square\square$ is the past tense of $\square\square$)

• \square -adjectives: $\square\square\square \rightarrow \square\square\square$

E.g. DDDDDDDD DDDD (Bob ate breakfast quickly/early (depending on context); $DD \rightarrow DD$)
E.g. DDDDDDD DDDDD(This town changed greatly lately; $DDD \rightarrow DDDD$)

Note that not all adverbs are derived from adjectives.

E.g. $\Box\Box\Box$ $\Box\Box\Box$ (Saw a lot of movies.)

E.g. DDD DDDDD(Lately, don't eat at all.)

G2.12 Sentence ending particles

- □: explanatory tone. Explained above in §G2.10.4.
- \square : to express seeking and expectation of agreement, like "right?/isn't it?" in English. In the reply $\square\square\square[\square]\square\square$, the optional \square is often used in masculine contexts.

• D: to express that you're informing something new, like "you know..." in English.

E.g. 00000 00000 0

 \square and \square can be combined to both inform about something new and expect agreement at the same time.

G3 Essential grammar

Now that we have an understanding of the basics, fundamentals, and foundations of Japanese grammar, this section provides specific grammar for practical situations.

G3.1 Verb stems

It seems that "stem" and "root" are used interchangeably; there is no consensus on their definitions, and different sources use either term to refer to the same concept...

Since there is no consensus on the definitions of root/stem, I'll use "root" to refer to /kik/, and "stem" to refer to the stem form $\Box\Box$.

Also known as the $\Box\Box$ -stem in other texts (we refrain from that term as the stem is used in many more conjugations, not just in $\Box\Box$), stems can be obtained from verbs via the rules in Table 16.

Verb stems are sometimes (not always!) the noun forms of the verbs, e.g. $\Box\Box$ is the noun form of $\Box\Box$.

We can suffix the stem with target particle \square or directional particle \square , then follow with a motion verb (almost always $\square\square$ or $\square\square$). This <stem>{ \square/\square }{ $\square\square/\square\square/...$ } construct means "to go/come do <stem>". Use \square to mean going/coming for the purpose of doing <stem>; use \square to put emphasis on the literal act of going/coming.

```
E.g. \Box\Box\Box\Box\Box\Box \Box (Tomorrow, go to see movie.)
```

The expression [][][][][] (looking forward to) is formed from a similar grammar rule (though it's a special case and should be considered a set expression).

Compound verbs can be formed by appending verbs to stems. However, there aren't formulaic rules for these; memorise them as separate verbs in their own right.

E.g. $\Box\Box\Box\Box$ (break into a run) $\Box\Box\Box\Box\Box$ (switch to something else) $\Box\Box\Box\Box\Box\Box$ (to add something by attaching it) $\Box\Box\Box\Box\Box$ (to start talking) $\Box\Box\Box\Box\Box$ (to stop talking) $\Box\Box\Box\Box\Box$ (read out data/retrieve) $\Box\Box\Box\Box\Box$ (to leave half-read).

G3.2 Polite forms

The Japanese covered thus far in $\S G2$ is fine for five-year-olds, but adults are expected to use $\Box\Box\Box$ (**polite** language), $\Box\Box\Box$ (**honorific** language) and $\Box\Box\Box$ (**humble** language) where appropriate.

 $\square\square\square$ is used when speaking to people of higher social rank or people you're unfamiliar with. $\square\square\square$ and $\square\square\square$ are used in professional settings, and builds upon $\square\square\square$.

The only indicator of which language style is in use is sentence endings. It's not possible to tell whether someone is speaking in casual or polite speech until the sentence is finished.

In $\square\square\square$, use and its conjugations to make verbs polite, and use for nouns and adjectives (note that the polite $\square\square$ is incompatible with the assertive \square). Detailed rules are in Table 16. Note that $\square\square$ and $\square\square$ must come at the end of a complete sentence, and never inside any embedded/relative clauses. Refer to $\S GA.1$ for a full table of $\square\square\square$ conjugations.

Polite verb examples:

- (present-positive) \(\square\) \(\square\) (Tomorrow, I go to university.)
- (present-negative) \(\pi \) \(\p
- (past-positive) מום ובו (Last week, I met Bob, you know.)
- (past-negative) (Didn't eat lunch, right?)

Polite adjective examples:

- (present-negative) \(\square\) \(\square\) (The room is not very/really quiet.)
- (past-negative) $\square\square\square\square\square\square$ \square (Yesterday, there was no time.; $\square\square \to \underline{\square\square\square}$ (past negative) $\to \square$ $\square\square\square\square$ (explanatory) $\to \square\square\square\square\square\square$ (polite))

G3.2.1 is NOT the polite form of , they are completely separate constructs

This is a common misconception! □□ and □ are two fundamentally different concepts:

• \square is declarative, whereas $\square\square$ is polite.

E.g. $\square\square\square$ is the declarative form of $\square\square$. $\square\square\square\square$ is the polite form of $\square\square$ (see Table 16), but not the polite form of $\square\square\square$!

• \square can be used both at the end of both complete sentences and relative clauses, whereas \square can only be used at the end of complete sentences.

E.g. □□□□□□□□□ (In an indirect quote, it is wrong to quote □□: it must be changed to □.)

G3.3 Addressing people

Take care to use the correct level of politeness.

G3.3.1 Referring to yourself

To refer to yourself, use one of the following (in descending order of politeness):

- 🗆: used by both males and females, formal
- D: used by both males and females, normal polite (you should use this most of the time)
- □: used by males, semi-polite to semi-casual
- □: used only by males, very casual, very rough
- DDD: used by females, cutesy and girly (most girls today use DDD instead)
- your own name: used by children, feminine
- □□: used by elderly (males)

E.g. 00000000000

G3.3.2 Referring to the listener (second-person)

Even when directly addressing other people, you rarely use variants of "you", as constantly hammering the listener with "you" that comes across as accusatory and confrontational.

Instead, we use one of the following (in descending order of politeness):

- <title>: common polite (e.g. □□ president/director, □□ section manager, □□ teacher/anyone with significant expertise including doctors)
- <last name><title>: common polite
- <last name>□□: common polite, in case no suitable title exists
- <first name> \square : common semi-polite

- <last name>□□: for males, casual/endearing, of equal or lower social position
- <last name>□□□: for females, casual/endearing, of equal or lower social position
- <last name>: common
- <first name>[$\{\Box\Box, \Box\Box\Box\}$]: only for people you're on first-name basis with
- <nothing>: common. In normal Japanese conversations, the topic/subject is commonly
 implied to be the listener. It's completely normal not to use anything at all, since you're
 directly addressing the listener!
- : you, polite
- D: casual, assuming/very close, used by males to address females, potentially rude
- DDD: rude if spoken, use only in contexts where you must refer to the audience (e.g. on a physical questionnaire)
- THOU SHALT NOT CROSS THIS LINE
- □□□: rude, assuming/familiar, expresses annoyance
- □□/□□□: rude, rough and coarse, used by males
- DDD: very rude, sounds like you want to beat someone up (used exclusively in movies and comics)
- DE: extremely rude, sounds like you want to take someone out (used exclusively in movies and comics)

 \square is an old-fashioned way for women to refer to their lover or husband, nowadays only used by married middle-aged women.

G3.3.3 Referring to the third person

For people outside of your family, use one of these:

- □: he
- □□: she
- 🗆 / 🗆 🗆 DO DO DO DO : boyfriend (prefer former)
- DD/DDDDDD: girlfriend (prefer former)

When referring to family members, there are two levels of politeness: polite and casual. We only use the casual form when we are talking about our own family members to other people. When talking about the listener's family members or when talking directly to your family members, use the polite form.

The polite form comes before the casual form:

- Parents: 000 / 00
- Mother: 0000 / 0
- Father: 0000 / 0
- Wife: 000 / 0
- Husband: $\Box\Box\Box$ / \Box (don't drag the trailing \Box vowel)
- Older sister: $\square\square\square\square$ / \square
- Older brother: DDDD / D
- Younger sister: DDD / D
- Younger brother: □□□ / □
- Son: 0000 / 00
- Daughter: DDD / D

Yes, $\square\square\square\square$ (master/husband) is an extension of $\square\square\square$ (husband).

G3.4 The question marker particle

These are common question words (see Table 72 for a more complete list):

- □: who
- □: what
- □□: when
- □□: where
- 00/0000/000: why

□□ is formal and forceful

 $\square\square\square\square$ is softer

□□□ is informal (Source)

• 00/00000: how

□□ is more general (Source)

• 00/000/000: which

 $\square\square$: three or more

 $\square\square\square$: two

□□□: two (informal; Source)

G3.4.1 in polite questions

The purpose of \square is to clearly mark a question in polite sentences. It's not strictly necessary, since polite sentences without a trailing \square can be interpreted as a question using a rising trailing intonation during speech. However, it's commonly attached.

There is no need to use a question mark when \square is used; the full-stop is used instead. Because \square is polite, it is incompatible with the declarative \square .

G3.4.2 Positive and negative polite questions

See discussion at HiNative.

Positive polite questions are plain questions; negative questions have a nuance of suggestion/invitation.

- DDDDD DD: Are you going to eat?
- $\Box\Box\Box\Box\Box$ $\Box\Box$: Shall we go eat?

G3.4.3 in casual questions: binary and sarcasm

 \square has a slightly different purpose in casual speech. Casual questions usually either use explanatory \square or nothing at all, so \square is not used here to craft questions. Instead, it is used specifically to:

• question whether something is true or not

E.g. $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (This kind of thing, will they really eat?; $\Box\Box\Box\Box$ is $\Box\Box\Box$ + \Box (possession), where $\Box\Box\Box$ means this type of)

• make rhetorical questions/express sarcasm

Most actual questions use explanatory □ or nothing at all apart from a rise in intonation.

E.g. DDDDDDDDDD (Something like this, are you really going to eat?)

E.g. DDDDDDD D (Do you have something like that?)

G3.4.4 in embedded clauses: referring to embedded questions

This functions similar to direct quoting, and marks the questions in an embedded clause. The outer clause can then talk about the embedded question.

E.g. $\square\square\square\square$ (What I ate yesterday, I forgot.)

E.g. UDDDDD (What he said, I don't understand.)

E.g. UDDDD (Whether the teacher went to school (binary question), would you please inform me (invitation)?)

To ask "whether or not" (binary question), we can use either <positive> \square , or <positive> \square .

E.g. DDDDDD (Whether the teacher went to school or not, I don't know.)

E.g. DDDDDD (Whether the teacher went to school or not, I don't know.)

See more detail in §G3.18.2.

G3.4.5 Modifying question words with suffixes

 $\square\square\square$ refers to a particular existence (sometextasciitilde), $\square\square\square$ refers to the universal (everytextasciitilde), and $\square\square\square\square$ refers to a non-particular existence (anytextasciitilde) (not to be confused with $\square\square$ for "but"). Question words and their variants are showed in Table 9.

Table 9: Question words and their modified variants. Treat these all as normal nouns. † : $\square\square$ is usually used in negative sentences to mean nobody can do the verb, and to express the positive universal everybody we typically use $\square[\square\square]$; ‡ : $\square\square$ is used exclusively in negative sentences.

Meaning			Meaning		Meaning		Meaning		
	who	00	someone		$\rm nobody^{\dagger}$	000	anybody		
	what		something		$nothing^{\ddagger}$		anything		
00	when	000	sometime	000	always/never	0000	anytime		
00	where	000	somewhere	00[0]0	everywhere/ nowhere	0000	anywhere		
00	why	000	some reason						
00	how	000	somehow	000	somehow	0000	anyhow		
00	which (3 or more)	000	one from many	000	all/none	0000	any of many		
	which (2)	0000	one of two	0000	both/neither	00000	any of two		

To mean "For some reason..." you can say \$\text{DDDDDDDDD...D}\$.

 $\square\square\square$ examples:

- DDD DDDDDDD (Did you see the criminal somewhere?)

• DDDDD (You are to select a certain one from inside this.; DD: from, DD: choose)

$\square\square\square$ examples:

- DDDDDDDDD DD D(The answer to this question, nobody knows.)
- DDD DDDD (Friend is always late.)
- \bullet $\,$ DDDDDDDDDDD $\,$ DDDDDDD (All restaurants that are here are not tasty.)
- DDDDD DDDDDDD (This weekend, went nowhere.; DDDD means "target is nowhere", D is grammatically the topic particle and should come after the target particle D, so DDDD is incorrect. Treat this as an exception.)

$\square\square\square\square$ examples:

- DDDDDDDD DDDD(The answer to this question, anyone understands.)
- DDDDD DDDDD (For lunch, anywhere is good.)
- DDDDDDDD DDDD (That person really eats anything.)

G3.5 Apologising

Read a full article here.

Use one of the following (in descending order of politeness):

- □□□□□: formal
- DDDDDD: semi-formal
- □□□[□]: causal
- DD: very casual, only for non-serious matters

Can be used for past offence: $\Box\Box\Box\Box\Box\Box$

G3.6 Compound sentences

This section concerns combining multiple sentences into one complex sentences, such as combining "I ran." and "I ate." into "I ran and ate.".

G3.6.1 form

The \square -form of nouns, adjectives and verbs are used to form sequences of states (nouns/adjectives) or actions. The conjugation rules are in §GA.1.

 \Box -form conjugations for $\Box\Box/\Box\Box/\Box\Box\Box$ exist but they are part of $\Box\Box\Box$ and are outside the scope of $\Box\Box\Box$. In a chain of nouns/adjectives/verbs, only the last one takes the polite form $\Box\Box/\Box\Box\Box$; everything before takes the plain form. Since \Box is used when connecting sentences, there is no need for $\Box\Box/\Box\Box\Box$ to have a \Box -form in $\Box\Box\Box$.

G3.6.2 Compound sentences (chain of descriptors/actions) using / and -form

Similarly to how we can join "My room is clean. It is quiet. I like it a lot." into "My room is clean, quiet, and I like it a lot." in English using the "and" connector, we can do the same using " \Box/\Box " as a connector. Just as \Box is the noun connector (in exclusive listings), \Box/\Box is the connector for nouns, adjectives and verbs.

The syntax is $[\langle v t e \rangle]^*[\langle plain/polite form \rangle]$. \square/\square functions like a connector (between two nouns/adjectives/verbs). The entity that comes before is turned into the \square -form. The final one in the list does NOT use \square -form (use either plain or polite), and determines the tense (present/past) of the entire chain.

E.g. $\Box\Box\Box\Box$ $\Box\Box\Box\Box$ $\Box\Box\Box\Box$ \Box (I will go to canteen, eat lunch, and take a nap.)

E.g. DDD DDDD DDDD D (I went to canteen, ate lunch, and took a nap.)

E.g. DDDDDDDDDDDDD (There was time, and I watched a movie.)

G3.6.3 Causation and reasoning particles

To express the direct causation (because) and reasoning (therefore) relationships, use \square and \square particles:

- □□: direct cause marker particle (also from-marker: §G2.9; see also Table 137). The possible syntaxes are: begin{itemize}
 - \cdot <direct cause>[\Box] $\Box\Box$ <result>

If the cause is a non-conjugated noun or \square -adjective, you must add \square to differentiate it from the from-marker usage of $\square\square$.

E.g. $\square\square$ $\square\square\square\square\square\square\square\square\square$ (Present came from friend.; from-marker usage)

E.g. DD DDDDDDDD (Present came because of friend.; cause marker usage; this sentence sounds a bit odd)

▶ □□□<result>

The cause can be omitted if clear from context. Here, \square is compulsory.

 \bullet <direct cause>[\Box] $\Box\Box$ [$\Box\Box$]

The result can be omitted if clear from context. $\Box\Box$ can be treated as a regular noun, so in polite speech, add the $\Box\Box$ suffix.

• □□: non-causal explanation/reason marker, carries flavour of explanatory-□. Similar usage patterns as □□ (almost interchangeable), but less binding than □□ in that □□ doesn't assert that the marked reason is the *direct cause* of the result. □□ is thus softer and more polite, and preferred when explaining a reason for doing something considered discourteous.

Because \square is involved, $\square\square$ is a connector that must exist between two sentences (if dangling, the sentence is implied to be a dangling sentence).

ightharpoonup <result>.

If the cause is a non-conjugated noun or \square -adjective, you must add \square to differentiate it from the possession marker usage of \square .

```
E.g. \Box\Box\Box\Box { / } \Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box (I am a student, therefore I have no money.)

E.g. \Box\Box\Box\Box\Box { / } \Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box (It is quiet here, therefore it is very calm here.)
```

If omitting the reason or result (which is clear from context), use the explanatory- \square particle instead ([]/// see §G2.10.4).

 $\bullet \Box \{\Box/\Box\}\Box < \text{result} >$

Here, \square is compuslory.

ightharpoonup <reason>{\(\text{0}\)\(\

```
E.g. \Box\Box\Box\Box\Box\Box / }\Box\Box (Why were you late?)
```

G3.6.4 Despite marker particle

To express the idea of "despite", the $\Box\Box$ marker is used. The schema is $\langle \text{despite} \rangle \Box\Box\Box \langle \text{sentence} \rangle$.

E.g. DDDDDD DDDDDDDD (Despite exercising every day, I didn't get thinner.; DDD: to slim)

Note that non-conjucated state-of-being nouns and na-adjectives must be tagged with the \square particle, similar to rules for explanatory \square .

E.g. DD DDDDDDDD (Despite being a student, she does not study.)

G3.6.5 General and contradiction connector particles ()

□□ and □ are used as general connectors of any two sentences, like how we construct running sentences in English using "and". Also, they can be used to express the idea of contradiction between the two sentences: in this usage, □ is slightly more polite (stronger contradiction) than □□. Politer forms of □□ are □□□ and □□□□ (???). The schema is <sentence 1>{□/□□/□□□/□□□□}□<<sentence 2>.

E.g. DDDDDDDDD DDDDDDD (general connector; I watched "The Matrix" and it was interesting.)

Note that non-conjucated state-of-being nouns and na-adjectives must be tagged with the \square state-of-being assertion.

E.g. $\square\square\square$ \square $\square\square\square\square\square\square\square$ (I'm free today but I will be busy tomorrow.)

E.g. DDDDDDDDD DD (That may be so, but I still like him.)

G3.7 Reason vague listing connector

 \square is used to list reasons for a verb or state-of-being. It is vague in the same sense as the \square particle (§G2.10.4): there is a nuance that there may be other reasons not listed. The schema is (<reason> \square)*<reason>.

Note that non-conjucated state-of-being nouns and na-adjectives must be tagged with the \square state-of-being assertion.

(Why aren't they your friend (seeking explanation)? Well, they are the teacher, and older...)

For a less vague, more closed listing, use the □-form instead.

(Why do you like him? Because he's kind, attractive, and interesting (among other things).)

G3.8 Adjective and verb vague listing construct []

This is the verb/adjective version of the \square particle (§G2.10.4). For each verb/adjective in the sequence, conjugate to past tense and add $\square\square\square$. Additionally, for the final one, tag on a $\square\square\square\square$, which will control the tense ({positive, negative} times {present, past}) of the entire sentence. The schema is (past adj/v> \square)**past adj/v> \square

The tense of the entire sentence can be changed by conjugating the trailing $\Box\Box$.

E.g. $\square\square\square\square\square$ $\square\square\square\square\square$ $\square\square\square\square$ \square (I don't do things like watch movies, read books, and take naps (among other things).)

G3.9 Progressive form (enduring state of action, enduring state-ofbeing)

To express an enduring state of action (-ing in English), conjugate the verb to the \square -form (§G3.6.1, then append $\square\square\square\square$. This form can be used regardless of whether the verb subject is animate or inanimate. Further conjugations of the progressive form follow rules of the $\square\square$ verb.

Interestingly, does not have a progressive form. See discussion in $\S G3.13$.

E.g. $\square\square\square\square\square$ \square (What is friend doing? Eating lunch.; $\square\square\square\square$ is the progressive form of $\square\square$.)

E.g. $\Box\Box$ $\Box\Box\Box\Box\Box\Box$ \Box (What are you reading? I am reading textbook.; $\Box\Box\Box$ is the polite form of $\Box\Box$.)

E.g. $\Box\Box$ $\Box\Box\Box\Box\Box\Box$ \Box (Are you listening to me? No, I'm not listening.; $\Box\Box\Box\Box$ is the polite form of $\Box\Box\Box$.)

In casual speech (not applicable in writing!), $\square\square\square\square$ can be shortened to $\square\square\square$. However, the \square is not dropped in the polite progressive form $\square\square\square\square\square$. Try not to let this casual speak become a habit too early on! Learn the correct form first.

E.g. $\square\square\square\square\square$ $\square\square\square\square\square\square$ $\square\square$ (What is friend doing? Eating lunch.; $\square\square\square\square$ = eating (casual); $\square\square\square$ = eat (dict))

In fact, laziness can go further: DDDDDDD can be shortened by dropping particles and unnecessary vowels to become DDDDD? A related lazy casual expression is DDDDDDDDD, which is a contraction of DDDDDDDDDDD.

This is decided by context. E.g. DDDDDD can either mean someone is currently getting married, or that someone is married and is currently in the married state. This becomes less context-based and more of a rule for the verbs , and motion verbs.

• means to be/have been in the enduring *state* of knowing. □□ refers to the *change* of state from not knowing to knowing, it's different and <u>rarely used in its unconjugated form!</u>

[[HN1], [HN2])

```
E.g. DD DDDDDDDDDDDD (Do you know the way? Yes, I found out about it today.)
```

E.g. DDD DDDDDDDD DD (Do you know this song? Yes, I've known it for a year now.)

• means to be/have been in the enduring state of understanding. $\square\square\square$ refers to the change from not understanding to understanding, it's different! ([HN])

DDDDDD, in certain contexts, can make you sound proud or dismissive. Be careful!

• **<motion verb -form>** means to <motion verb> and exist ($\langle v \rangle + \Box\Box$), and refers to the state-of-being after performing the verb.

G3.10 Resultant state

To express that an action is completed, with the implicit nuance that the action was completed in preparation for something else, we use $\square\square\square\square$.

G3.11 The auxiliary verb in

To express that an action is completed (or will be completed), with the explicit nuance that the action was completed in preparation for something else, we use the auxiliary verb $\square\square\square\square$ when used directly (meaning "to put/place") is written in $\square\square$, but when used as an auxiliary verb it is written in $\square\square$ alone. Further conjugations of the compound verb follow rules of the $\square\square$ verb.

```
E.g. \square\square\square\square\square \square (Make dinner (in advance for the future).
E.g. \square\square\square \square (I'll buy batteries (in advance for the future).)
```

 $\square\square\square\square\square\square$ can be contracted to $\square\square\square\square\square$. Further conjugations follow rules of the $\square\square$ auxiliary verb (which means to do something in readiness for).

```
E.g. \Box\Box\Box\Box\Box \Box (Make dinner (in advance for the future).)
E.g. \Box\Box\Box \Box (I'll buy batteries (in advance for the future).)
```

G3.12 Spatial and temporal directional auxiliary verbs

To express that an action is spatially oriented towards or from some place, we use the $\square\square\square\square$ and \square $\square\square\square$ auxiliary verbs respectively. Think of them as "<v> + go" and "<v> + come" respectively. Further conjugations of the compound verb follow the rules of the trailing $\square\square$ or $\square\square$ verb.

```
E.g. \square\square\square\square\square\square\square \square (spatial; Are you taking pencil to school?)

E.g. \square\square\square\square\square\square \square (spatial; Are you bringing pencil back home?)

E.g. \square\square\square\square\square\square\square \square (spatial; \square\square\square\square is the polite past-tense of \square\square)

E.g. \square\square\square\square\square \square (spatial; \square\square\square\square is the past tense of \square\square; \square is train station; \square is direction)
```

The same auxiliary verbs have a temporal usage. $\Box\Box\Box\Box$ can be used to mean "<v> continuously/progressively into the future". $\Box\Box\Box\Box$ can be used to mean "<v> performed up to the present".

```
E.g. \square \square \square \square \square (temporal; With all my might, I will try my hardest moving into the future!)
```

G3.13 Potential form $\bigcirc / /$

To express the ability to perform a verb, the verb is conjugated. $\square\square\square$ is actually the potential form of $\square\square!$ For detailed conjugation rules, refer to §GA.1. All potential form verbs are \square -verbs. Further conjugations follow \square -verb rules.

```
Interestingly, does not have a potential form. See more in §G3.13.2.
```

In casual/slang speech, $\square\square\square\square$ (for originally \square -verbs and $\square\square$) can be shortened to $\square\square\square$, so $\square\square\square\square\square$ can be shortened to $\square\square\square\square$. Try not to let this casual speak become a habit too early on! Learn the correct form first.

E.g. DDD DD (Can you write Kanji?; DDDD is the polite potential form of DD.)

E.g. $\Box\Box\Box\Box\Box\Box\Box\Box\Box$ \Box ($\Box\Box\Box\Box$ is the negative potential form of $\Box\Box$.)

E.g. $\Box\Box$ \Box ($\Box\Box\Box\Box\Box\Box$ is the negative potential form of $\Box\Box\Box$.)

Importantly, potential forms do not have direct objects, since no actual action is taken, so \square cannot be used. Whenever \square is to be used, use \square or the topic particles $\square\square\square\square$ etc. instead.

```
E.g. DDD D (I could climb Mt. Fuji.; DDD DDD is wrong!)
```

E.g. $\Box\Box\Box\Box\Box$ \Box (I am able to hold heavy luggage.; $\Box\Box\Box\Box$ is the polite potential form of $\Box\Box$: the potential form is $\Box\Box\Box$.)

G3.13.1 The special cases and the alternatives (vs.)

The transitive verbs $\square\square$ and $\square\square$ are paired with their intransitive counterparts $\square\square\square$ and $\square\square\square\square$. However, the potential forms of $\square\square$ and $\square\square\square$, $\square\square\square\square$ and $\square\square\square$, exist. For these two case, expression of the "ability to perform a verb" meaning is left to the intransitive counterparts. The potential forms take on a special, additional layer of meaning: **to be given the opportunity** to see or hear something.

E.g. DDDDDDDDDDDDDDD (It cleared up today and Mt. Fuji is visible.; DDD: (of sky) to clear up)

E.g. \square Endown \square Endown \square Endown \square (The surroundings were noisy and I couldn't really hear what he was saying.; \square \square : surroundings)

E.g. DDDDDDDD D (For the first time in a long time, I was able to hear his voice.)

That said, it is actually more common to express "given the opportunity" as "the seeing/hearing thing is doable ($\{\ /\ \}$) ", as in the following examples.

E.g. $\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square$ { / } \square (Thanks to my friend, I was able to watch the movie for free.; \square : free-of-charge)

E.g. $\square\square\square\square\square\square\square\square\square$ { / } \square (For the first time in a long time, I was able to hear his voice.)

G3.13.2 Potential to exist: $\text{ruby}\{\{/\}\}$

Interestingly, \square doesn't have a potential form. The round-about way of saying "possible to exist" is $\square\square\square\square\square\square\square\square\square\square\square\square$, but this is almost never used. Instead, we use $\square^\square\square\square$, which is actually a compound verb made from \square and the auxiliary verb \square (meaning to be able to), and not considered to be a potential form of \square by natives (see discussion on Reddit).

For \square , the unconjugated form can be read as \square (slightly more formal and traditional), but all conjugated forms use \square . I'd stick to \square always, the modern pronunciation (see discussion on [HN]).

```
E.g. \Box\Box\Box\Box\Box\Box \Box (That kind of situation/event is possible.)
```

E.g. DDDDDD D (That kind of situation/event is possible.)

E.g. DDDDDDDDD DD (It is possible that he overslept.; DDDD: to oversleep)

G3.14 auxiliary verbs

All forms in this section allow further conjugations based on the rules of $\square\square\square$ and $\square\square\square$.

For adjectives, both <adj>DDD and <adj>DDD have the standard interpretation of causing something to become the adjective, or to become the adjective itself respectively:

• (revision and extension of §G2.11) <na-adj> /<i-adj root> means to make something become <adj>.

```
E.g. \square\square\square\square\square (be/make quiet)\square\square\square\square\square\square\square (make clean).
```

E.g. $\square\square\square\square$ (make stronger) $\square\square\square\square\square\square$ (make smaller).

• $\langle \text{na-adj} \rangle$ / $\langle \text{i-adj root} \rangle$ means to become $\langle \text{adj} \rangle$.

```
E.g. DDDDDD DD (Your height has gotten taller from last year, huh?; D: height)
```

For nouns, <nn>000 has a special meaning, though <nn>000 preserves the standard interpretation:

• (new!) <nn> means to decide on <nn> ("do with <nn> as destination"), and is commonly used when ordering things from a menu.

```
E.g. \square\square\square\square\square\square\square\square\square\square\square\square\square\square \square (I'll go with the hamburger and salad.; \square\square\square\square is the polite form of \square \square\square.)
```

E.g. \square condition \square (There are many other good things, but as I thought, I'll go with this one.; \square besides/in addition to)

• $\langle nn \rangle$ means to become $\langle nn \rangle$.

```
E.g. \square\square\square\square\square\square (Become a doctor.)
```

<v>000 $\{$ 00/00 $\}$ have an nuance of *deciding* to <v>. \le v>000000 specifically means to *try* to do \le v>. <v>000000 specifically indicates a change towards <v> which has/will take place.

• <**v**> means to decide to <**v**>. A related form, <**v**> , means to decide to make it a rule/practice to <**v**> ("to continuously decide to <**v**>").

```
E.g. \square\square\square\square\square \square (I decided that I will go abroad.)
```

```
E.g. DDDDDDDDDD DD (I make a practice of getting up at six.)
```

• $\langle \mathbf{v} \rangle$ means to have been arranged/decided so that $\langle \mathbf{v} \rangle$.

• $\langle \mathbf{v} \rangle$ means to try to make sure that $\langle \mathbf{v} \rangle$.

```
E.g. \Box\Box\Box\Box\Box\Box\Box\Box \Box (I will try not to eat meat everyday.)
```

To express something like "I'm trying to study", use $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$. My previous attempt " $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ " is unnatural, because $\Box\Box\Box\Box\Box\Box$ refers to you trying to do something in the future, and $\Box\Box\Box\Box\Box\Box$ is already happening. Furthermore, this incorrect form may be misconstrued as "I'm acting like I'm studying". [GMN]

• <**v**> means to come to be that/start to <**v**>. The implicit nuance is on a change of state from not <**v**> to <**v**>.

Furthermore, because potential verbs describe a state of possibility rather than an actual action, <v potential>□□□□□ is often used to describe a change (from a state of infeasibility) to a state of feasibility.

```
E.g. \square\square\square\square\square\square\square\square\square\square \square (After coming to Japan, I became able to eat sushi.)

E.g. \square\square\square\square\square\square\square\square\square\square\square\square\square\square \square (Because I practised for a year, I became able to play the piano.; \square\square: to play a stringed/keyboard instrument)

E.g. \square\square\square\square\square\square\square\square\square\square\square\square\square\square \square (After going underground, Mt. Fuji became not visible.\square\square\square\square \rightarrow \square\square\square\square\square \rightarrow \square
```

G3.14.1 versus

G3.14.2 Decoupling form and function in Japanese grammar

Read the main discussion on SOF, courtesy of MT.

One important takeaway is that "Japanese is not like Indo-European languages, and so at some point, clinging to Indo-European grammatical categories can get in the way".

It is a misconception to parse $\square\square\square\square\square\square\square$ as " $\square\square\square\square\square$ (adverb form of adjective $\square\square\square\square$) + $\square\square\square$ (past tense of $\square\square$)".

An adverb refers to a grammatical *function*, specifically the function of describing the *manner* something is or some action is done. Since DDDD does <u>not</u> mean "in a manner that is not visible", it is <u>not</u> serving the function of the adverb. "In English, you can say adverbs end in 'ly'. Does that mean that bully is an adverb or that silly is an adverb?"

Specifically, $\square\square\square\square\square\square\square$ is made of $\square\square\square + \square\square + \square\square$. To link these into a phrase, each component must be converted into the $\square\square\square$ (actually $\square\square$ comes after the $\square\square\square$ (nai stem of a verb) of $\square\square\square$, which is \square \square). Thus the required forms are $\square\square$ ($\square\square\square$) $\square\square\square$ ($\square\square\square$) $\square\square\square$ ($\square\square\square$) $\square\square\square\square$ (past), resulting in $\square\square\square\square\square\square\square\square$.

G3.15 Conditionals

There are four ways to say "if" in Japanese.

G3.15.1 Conditional form

The Takoboto dictionary refers to this as the "provisional form", for some reason.

This is the simplest, most general conditional, and is a conjugation of nouns, adjectives and verbs. Refer to $\S GA.1$ for detailed conjugation rules. It means if <future $...>\square$, then <...>". The focus is on the conditional predicate, i.e. the part before the \square , not on the statement that follows.

The conjugation rule for nouns and \square -adjectives is suffixing $\square\square\square\square\square\square\square$, which is actually using the conditional form $\square\square\square$ of the verb $\square\square$. $\square\square\square\square\square\square$ is a formal expression we will see much later (???).

In the examples that follow, the focus is underlined.

E.g. $\Box\Box\Box$ $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (If I can meet my friend, we will go shopping.; $\Box\Box\Box\Box$ is the conditional form of the potential verb $\Box\Box\Box$)

```
E.g. _____ (If I had money, it would be good, huh?)

E.g. ____ (If it's fun, I'll go too.)

E.g. ____ (If it's not fun, I'll also not go.)

E.g. ____ (If you don't eat, you will become sick.)
```

G3.15.2 Past conditional form []

The past conditional form conveys the same idea as the basic conditional form (§G3.15.1), but with a difference in focus: the focus is on the statement that follows the conditional predicate, i.e. the part after the $\Box\Box\Box$, not on the predicate itself. The optional \Box is used for formality; in causal speech it is omitted.

The predicate always takes on the past tense, though this doesn't necessarily mean the predicate must have happened in the past. It can be a future, not-yet-happened event too, just like English's "if ... were to happen/if I were ..., then ...".

In the examples that follow, the <u>focus</u> is underlined.

There is also a second usage, to express surprise at an unexpected past outcome, via the schema <past predicate/prior event>□□□□<unexpected past outcome>.

The way to disambiguate between the two usages is to first recognise that in either case, when we see/hear $\square\square[\square]$, we focus on what comes next. Then, if what comes next is in present tense, there's no surprise nuance; if what comes next is in past tense, then there is a surprise nuance.

G3.15.3 Expected consequence conditionals with

This is similar in nuance to the C E construct (see 137), with the added element of expectedness.

 $A \square B$ means that if A happens, then as a natural consequence B is *expected* to happen. The schema is $C[\square]\square E$. Note that the state-of-being \square must be made explicit for nouns and \square -adjectives, for disambiguation with other usages of \square !

E.g. $\square\square$ $\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square$ (If he's a teacher, surely he is senior, right?; $\square\square\square$: surely; $\square\square$ is the contraction of $\square\square$ (noun explanatory ender), $\square\square\square\square\square\square\square\square$ is a polite form of asking)

E.g. DDDDDDDDDDDD (If you drop the ball, it will fall.)

E.g. $\square\square\square\square\square$ (If you turn off the lights, it will become dark.; $\square\square$: dark)

E.g. DDDDDDD DDDDDDD (If you don't go to school, you can't meet your friends.)

E.g. DDDDDDD DDDD (If you eat a lot, you will get fat.)

G3.15.4 Contextual conditionals with []

Contextual conditionals express the nuance that the statement will occur given that the contextual predicate holds. It's translated as "If given <predicate>, then <statement>". The schema is <context> \square \square \square \square <statement>. The optional \square is used for formality; in casual speech it is omitted.

E.g. DDDDDD []DDDDD (If given that everyone is going, then I'll go too.)

E.g. DDDDDDD []DDDDDD (If given that Alice says so, then there's no problem.)

E.g. $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ [] $\Box\Box\Box\Box\Box\Box\Box$ (Where is the library? If given that you're talking about the library, then it's over there.)

G3.15.5 as an uncertainty embellishment

The adverb $\Box\Box$ (and related ones like $\Box\Box\Box\Box\Box\Box\Box\Box$) are only a supplement to add the nuance of uncertainty on whether the predicate/condition is true ("perhaps/by any chance"). One of the four forms above must still be used.

E.g. $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (contextual conditional; If by chance given that there's no time, tomorrow is fine as well.)

G3.16 Prohibition, requirement and permission

Expressing the idea that something must not be done, must be done, or that it's ok to do/not do is common in Japanese.

G3.16.1 Prohibition (things that must not be done) { / / }

There are three adjectives that convey prohibition: $\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square$. Of the three, $\square\square$ is casual ($\square\square$ is even more casual, used in friendly settings; [HN]). Also, $\square\square\square\square$ is used more for general rules, laws and policies that apply for more than one person, so it can be interpreted as the sternest of the three. In terms of sternness, $\square\square < \square\square\square\square < \square\square\square\square$.

 $\square\square\square\square$ comes from $\square\square\square\square\square$ which means bad/wrong/naughty, but when used in the prohibitory manner is written in $\square\square$ alone.

All conjugations of the three adjectives are shown in Table 10. The polite forms taken by $\square\square\square\square$ and $\square\square\square\square\square$ can be explained by interpreting them as present-negative forms of the verbs $\square\square\square$ (meaning to go well) and $\square\square$ (to become) respectively.

Table 10: Prohibition conjugations.

Present prohibition	00	0000	0000	
Past prohibition	00000	000000	000000	
Present prohibition (polite)	0000	00000	00000	
Past prohibition (polite)	00000	00000000	0000000	

The long-form schema for prohibition is $\langle v | te \rangle \square \{\square \square \square \square \square \square \square \square \}$.

E.g. DDD DDDDDD (You must not enter here.)

E.g. DDD (You can't eat that!)

E.g. DDDDD (You must not use the phone until late at night.)

E.g. $\Box\Box$ $\Box\Box\Box\Box\Box\Box\Box\Box$ (I wasn't allowed to sleep early.)

E.g. DDDDD (You can't die!)

E.g. $\Box\Box\Box\Box\Box\Box$ (Do not swim.)

```
\begin{array}{c} v \text{ te} \\ \hline \cdots \\ \hline 0 \\
```

The second form is used for verbs with endings in $\{ , , , \}$; their \square -forms use \square .

The contracted schema for prohibition is $\langle v \text{ te fragment} \rangle \{\Box\Box/\Box\Box \Box \Box\Box\Box\Box\Box\Box\Box\Box\} \}$.

E.g. DDD DDDDDD (You must not enter here.)

E.g. DDD DDD (You can't eat that!)

E.g. DD DDDDDDDD (I wasn't allowed to sleep early.)

E.g. DDDDD (You can't die!)

E.g. $\Box\Box\Box\Box\Box\Box$ (Do not swim.)

Side note: is actually a contraction of , where is an auxiliary verb meaning "to do accidentally", and is contracted to , then conjugated into the past tense as . It's got nothing to do with the we see in this section, which comes from .

Finally, the $\Box\Box/\Box\Box$ contractions here are slightly feminine.

G3.16.2 Requirement (things that must be done)

Requirement is expressed as the negation of prohibition. The <v te> is the one that is negated, and there are three grammatical schemae that can be used. All are correct, and are all used at least in formal writing, so learn them all.

The three long-form grammatical schemae for requirement:

1. $< v \text{ te-negative} > \square \{\square \square \square \square \square \square \square \square \}$.

```
E.g. \square\square\square\square \square\square\square\square\square\square (I must go to school everyday.)
```

2. <v negative>□{□□/□□□□/□□□□}. This uses the expected consequence conditional (§G3.15.3). The literal meaning is: if you don't do something, the expected consequence is no good. This is the easiest form, and is used even outside of the expected consequence characterisation.

```
E.g. DDDDD (I must go to school everyday.)
E.g. DDD DDDDDD (I had to do homework.)
```

```
E.g. \square\square\square\square \square\square\square\square\square\square (I must go to school everyday.)
```

In casual speech, however, people default to either the <v negative> $\square \{\square \square \}$ or the contractions that follow. When used to express requirement, the expected consequence conditional \square (§G3.15.3) loses the expected consequence nuance (it's used in more situations that what it was originally defined for).

The contractions for expressing requirement involve the following replacements. Note that the $\{\Box \Box \Box \Box \Box \Box \Box \Box \Box \Box \}$ is omitted for contracted requirement.

```
v negative fragment
                                                                                ...п
                                   ··· aaa` a{aa/aaaa/aaaa} →
   [first schema]
                                                                                           ппп
                                    v negative
[second schema]
                                     ... oo o{oo/oooo/oooo} →
                                                                         ... o
                           v conditional-negative
                                                                         v negative fragment
  [third schema]
                                ... 0000
                                               \{00/0000/0000\} \mapsto
                                                                                ПΠ
                 Equivalently,
                                        000 \mapsto 0000,
                                                              \square\square\square\square\mapsto\square\square\square.
```

For the first schema contraction, $\square\square\square\square$ is the colloquial form of $\square\square\square\square$, which is an abbreviation of $\square\square\square\square\square\square\square$. For the third schema contraction, $\square\square\square$ is the colloquial form of $\square\square\square\square$, which is the conditional-negative form of the verb $\square\square$. In a sense, every verb has two colloquial "requirement" forms: $\dots\square\square\square\square$ and $\dots\square\square\square$, based on their negative forms.

Note that these contractions cannot be conjugated into the past tense, i.e. "DDDDDDD", "DDDDDD", "DDDDDD", "DDDDDD" do not exist! TNSJ If you want to mean requirement in the past, use any of the three long form schemae above. If you want to mean prohibition, use the one contracted schema in §G3.16.1. If you want to mean not a requirement (i.e. okay to not do), use the one schema in §G3.16.3.

Here are the three contracted grammatical schemae for requirement.

1. $\langle v \text{ negative fragment ending in } \square \rangle \square \square \square$

```
E.g. \square\square\square\square\square \square (I must go to school everyday.)
E.g. \square\square\square \square (I have to do homework.)
```

2. $\langle v \text{ negative} \rangle \square$.

```
E.g. \Box\Box\Box\Box\Box \Box (I must go to school everyday.)
E.g. \Box\Box\Box \Box (I have to do homework.)
```

3. $\langle v \text{ negative fragment ending in } \square \rangle \square \square$.

```
E.g. \Box\Box\Box\Box\Box \Box (I must go to school everyday.)
E.g. \Box\Box\Box \Box (I have to do homework.)
```

(Notice that the homework example has been changed to present tense; the past tense has no contractions.)

Finally, the $\Box\Box\Box\Box$ contraction here is slightly feminine.

G3.16.3 Permission (things that are okay to do or not to do)

The schema for permission is simply <allowed v te> $\square\{\square\square/\square\square\square\}$. Other permissive enders work too but these three are the most common. $\square\square\square\square\square$ is the negative form of $\square\square$, meaning to mind. For <v te> $\square\square\square$, the \square may be dropped in casual speech.

G3.17 Desires, invitation and suggestions

This section concerns the expression of direct desires and discreet suggestions.

G3.17.1 Desiderative form

Takoboto and most sources simply call this the form, but desiderative, meaning expressing a desire to, is more descriptive.

The conjugation rule is simple: <stem>□□. This transforms the verb into an □-adjective (in terms of form), but still retaining the behaviour of verbs to use verb particles □□□□□□ (§G2.9). Its form conjugate like □-adjectives: (present-positive desiderative), (past-positive desiderative), (past-negative desiderative).

Note that $\Box\Box$ does not have a desiderative form: inanimate objects cannot desire anything. $\Box\Box$'s desiderative form is $\Box\Box\Box$.

The desiderative form can only be used from the first person, because you cannot read other people's mind and express what they want to do. To refer to other people's desires, use direct or

indirect quotations (???). Questions about other people's desires are permitted because we are not making presumptions.

G3.17.2 Auxiliary adjective

The $\square < nn > \square \square \square \square \square$ construct means to want < nn >. To express that we want a verb < v > done, or that we want the listener to do < v >, we use the auxiliary adjective $\square \square \square$. This auxiliary usage is written in $\square \square$ alone.

The auxiliary adjective $\Box\Box\Box$ is actually rarely used in practice, since there are other more appropriate ways to make requests (???).

```
E.g. DDDDDDDDDD (I want a big stuffed doll!; DDDD: stuffed toy)
```

E.g. DD DDDD...D (I want it all eaten but...; This does not say "I want to eat it all": that would be DDDDDDDDDD)

```
E.g. DDD (I want the room cleaned up, you know.)
```

G3.17.3 Volitional form: invitation () /

Both casual and polite volitional forms exist, and the polite form must come at the end of the sentence.

Note that the volitional form only has one tense: starting from the present, looking into the future. It cannot be used with a past tense verb like " $\Box\Box\Box\Box\Box$ ".

G3.17.4 Suggestions { / }

Suggestions are expressed by suffixing $\Box\Box\Box\Box$ to the conditional form (\Box ; §G3.15.1) or the past conditional $\Box\Box$ (§G3.15.2). In English, the literal translation is "If you do $\langle v \rangle$, how is it?" and the natural translation is "How about doing $\langle v \rangle$?"

E.g. $\square\square\square\square\square\square\square$ \square (How about talking with your parents once in a while?; $\square\square\square$: occasionally; $\square\square\square$ is the conditional form of $\square\square$)

G3.18 Quotation: performing actions on relative clauses

We first came across relative clauses in §G2.10.1, where they are used as noun modifiers using the schema <relative verb clause><nn>.

In order to perform an action (e.g. thinking, saying, hearing, variants of each, or even simply referring to it in a bigger complex sentence) on a relative clause, we use the concept of **quotation**, which encapsulates the relative clause into a unit, upon which we can perform actions. This is an important construct in Japanese as the Japanese seldom affirm definite statements, and prefer to express uncertainty or probability, which requires performing corresponding actions (e.g. thinking) on relative clauses.

G3.18.1 Direct quotation ...

E.g. DD DDDDDDD D ("Cold", said Alice to Tanaka)

E.g. DDDDDDDD DDDD DDDDD (It is that I heard from the teacher "there is no class today"...)

G3.18.2 Indirect quotation

Also known as interpreted quotation, indirect quotation quotes *along the lines* of what the speaker actually said. <u>Thoughts</u> and <u>considerations</u> are often expressed as indirect quotes, with the verbs $\Box\Box$ and $\Box\Box\Box$ respectively. The \Box particle is used here too, except that unconjugated nouns and \Box -adjective state-of-being must be explicitly declared with \Box .

In the following examples, the indirect quotation is underlined.

When \square is used to mean "what", it is read as $\square\square$; when it is used to mean "how many", it is read as $\square\square$. [NHK]

E.g. $\square\square\square\square\square\square\square\square\square\square\square$ $\square\square\square\square\square\square$ (I heard from the teacher that there is no class today.; Note the absence of direct quotation marks.)

E.g. $\square\square\square\square\square\square\square\square$ $\square\square\square\square\square\square\square\square\square\square\square\square\square$ (I thought about setting out to eating curry but didn't have time to eat.; DO NOT confuse $\square\square\square\square$ and $\square\square\square$: the former is the past-negative of $\square\square$, and the latter is the past tense of $\square\square$.)

E.g. $\square\square\square\square\square\square\square\square$ \square (Now, I'm considering where to set out to go.; this is an example of the question marker in indirect quotations, §G3.4.4)

E.g. $\square\square\square\square\square\square\square$ $\square\square$ (What did he say this is?; Here, the explicit state-of-being assertion \square is compulsory!)

E.g. $\Box\Box\Box$ $\Box\Box$ (What did he say?)

E.g. $\square\square\square\square\square\square\square\square$ \square (He asked what this is.)

The casual version of the \square particle is . Specifically, <quote> \square <v> can be shortened to <quote> \square
 \square . The verb is dropped and the speaker will hope that the listener can **understand everything**

from context! Usually, the omitted verb after \square is \square \square ("to say"), so if it's any other verb, don't drop it.

The following are examples of contextual guessing in action. The omitted verb is assumed to be DDD by default.

E.g. DDDDDD DDDDDD (You said you don't have time now, is that true?)

E.g. DDDDDDDDDDD D (Tomoko said that she's going overseas next year.)

E.g. DDDDDD D (I already told you I have no money.)

E.g. DDDD D (Huh? What did you say?)

G3.18.3 as a replacement for topic particle

 $\square\square$ can be used to talk about practically anything, not just as the informal form of the quotation marker \square . It is used everywhere in casual speech, usually to bring up a topic.

E.g. $\square\square$ $\square\square\square\square\square\square\square\square\square\square\square$ (About tomorrow, I hear that it's going to rain.; first $\square\square$ is a replacement for \square , second $\square\square$ contains the hidden verb "to hear". A bit weird. I wouldn't use the trailing $\square\square$ like this; I'll just omit it.)

E.g. $\square\square\square$ $\square\square\square\square\square\square\square\square\square\square\square\square\square\square$ (Alice is a very good person, right?; $\square\square\square[\square]$ is the [formal] conjectural form of $\square\square$.)

G3.19 Definitions and descriptions with the abstract / (and slang)

 $\square\square$ means to say, and when used in the abstract way, is written as $\square\square$. It can be used with the \square particle to define, describe and to refer to something itself.

G3.19.1 Definition

 \square has a second meaning, "to call/name". However, since nothing is actually said, it is common to write it in \square only (also ok to write it in \square).

E.g. DDDDDDDD DD (What do you call this in Japanese?; DD here means to call/name)

E.g. $\square\square\square\square\square\square$ \square (I am called Alice.; $\square\square$ here means to call/name)

In the following examples, the <called> <thing> schema is used.

E.g. DDDDDDDDDDTriendD DDDDD (The meaning of "tomodachi" in English is "friend".)

G3.19.2 Referring to relative clause $\{ /$ and $\{ / / / \} \{ / \}$ and $\}$

When a relative clause is encapsulated with $\Box\Box\Box$, it must be followed by a verb. Sometimes, we want to simply refer to the relative clause in a bigger complex sentence, and in this case the \Box verb serves as a generic verb (it can but in this usage it doesn't mean that you're saying the quote). The schema $\langle \text{quote} \rangle \Box\Box\Box \{\Box/\Box\Box\}$ is a very common construction.

```
E.g. DDDDDDDDD { / }DDDD (It is true that Japanese people are weak to alcohol?)
```

E.g. $\Box\Box\Box$ { / } $\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (Was it a lie that you are single?)

E.g. 0000 { / }0000000000 { / }000 (Reboot means to restart your computer.)

E.g. 000000000 0 0000000000 (I heard that Miki-chan broke up with Yousuke. Does that mean Miki-chan doesn't have a boyfriend now? That's right. That's what it means.; specifically indicates hearsay or conjecture about others' feelings)

E.g. DDDDDDDDD DDDD (What do you mean, "I'm not going to university"?)

Finally, $\square\square$ is not only a short form for $\square < v >$ after quotations. It is also a short form for the generic verb $\square\square\square$ and any following particles, so <quote $>\square\square\square$ <particles> can be shortened to <quote $>\square$ \square . Again, the speaker will hope that the listener can **understand everything from context**.

E.g. $\square\square\square\square\square\square$ { / } $\square\square\square\square\square\square\square\square$ (The studying abroad next year thing, is that Tomoko?)

E.g. DDDDDD (The studying abroad next year thing, is that Tomoko?)

There's a further abbreviation of \square to \square (and replacement of \square with \square , which is slightly easier to say), but this only works for the generic verb. For actually said things, this contraction is invalid! This is stepping into the territory of native lazy speak, I'd say don't worry about this too much.

G3.19.3 Rephrasing and refining definitions with connector

The definition expression $\Box\Box\Box$ (§G3.19.1) can be suffixed with the question marker \Box to add a questioning element, useful for rephrasing or redefining something. This is common in casual speech. As a connector, it tags to the thing that's being rephrased, as in <to rephrase> $\Box\Box\Box$ <

E.g. $\square\square\square\square\square$ $\square\square\square\square\square\square\square\square\square\square\square\square\square\square$ (I like alcohol, or rather, I can't live on without it.; $\square\square\square\square\square\square\square$ is the negative potential form of $\square\square\square\square\square$ (meaning to live on). This is tricky to parse. The presence of $\square\square\square$ correctly hints to us that some negative potential form is in use, but it is not the negative potential form of $\square\square\square\square\square$ (that would be $\square\square\square\square\square\square\square\square$). The presence of $\square\square\square\square$ might also wrongly lead us to think $\square\square\square$ is prohibited (that would be $\square\square\square\square\square\square\square\square\square$). The correct way to parse is to recognise that \square must be the \square form of some \square verb, which leads to $\square\square\square\square\square$. To disassociate from the prohibition $\square\square\square\square$, recognise that the \square particle is missing, which is required by the prohibition schema $\square\square\square\square\square\square$.)

E.g. DDDDDDDDDDDDDD (Rather than that, I have to go home already.)

G3.19.4 Referring to relative clause with annoyance (slang)

The generic verb $\square\square\square$ can be shortened to $\$. It is harder to say (violates core slang principle of making things easier to say, $\S G3.24$), but it has a hard, hissing sound, so it is used to convey anger. It is masculine. It can sometimes be further shortened to just \square . $\square\square\square$ is the \square -from of $\square\square$.

E.g. DDDDDDD DD (Like I said, you're wrong!)

The annoyance can be further emphasised using

E.g. DDDDDDD DD (Like I said, you're wrong!)

G3.19.5 Referring to relative clause with exasperation / (slang)

To take annoyance to the next level, the generic verb $\square\square\square\square\square\square$'s conditional form $\square\square\square\square\square\square\square$ [§G3.15.1] and past conditional form $\square\square\square\square\square\square\square$ [§G3.15.2] can be abbreviated to $\square\square\square$ or $\square\square\square$ respectively. The (abbreviated) conditionals of $\square\square\square$ are used to express the exasperation of repeating yourself multiple times, or with someone not listening to you.

E.g. DDDD D (I told you I'm going already!)

E.g. DDD DDDDDDDDDD (Because you're always forgetting.)

G3.19.6 Expressing disagreement or dissatisfaction (whiningly) with

□□□ is a conjunction used to express disagreement or dissatisfaction whiningly.

G3.20 Trialling something out or attempting something

The "try" in English is heavily overloaded. In Japanese, there are separate grammatical expressions for each sense of "try". We've already seen one sense: $\langle v \rangle \square \square \square \square \square$, meaning to try to make sure that $\langle v \rangle$, as in *putting in effort* to make a habit of $\langle v \rangle$.

This section concerns two other senses: trialling something out, and attempting to do something.

G3.20.1 Trialling something out with the auxiliary verb

This is expressed with $\langle v | te \rangle \square \square$, using the auxiliary verb $\square \square$ (from $\square \square$). Think of it as $\langle v \rangle$ and see (the outcome). Further conjugations follow rules of the $\square \square$ verb. The polite form is $\square \square \square \square$.

E.g. $\square\square\square$ $\square\square\square\square\square\square\square\square\square\square\square\square\square\square$ (I tried drinking alcohol and I became extremely sleepy.; $\square\square$ is the adverbial form of $\square\square$)

E.g. $\Box\Box\Box\Box\Box\Box\Box\Box$ \Box (I'm going to check out the new department store.)

E.g. $\square\square\square\square\square\square\square\square\square$ \square (I want to try eating Hiroshima okonomiyaki!; $\square\square\square$ is the desiderative form of $\square\square$)

G3.20.2 Attempting something with $\langle v | volitional \rangle \{ / \langle v \rangle \}$

This is expressed with \leq v volitional>□□□. Attempting to do something requires exercising the will to set out to do something, hence the involvement of the volitional form. The volitional (and □) together convey the information that we're discussing *attempting*. Further conjugations follow the rules of the verb □□.

E.g. DDD DDDDDDDD (I attempted to sleep early but ended up staying up all night.)

E.g. DDD DDDDDDDDD (he tried to drink alcohol but his wife stopped him.)

To describe the attempt itself with another verb $\langle v \rangle$ (e.g. to think to attempt, to decide to attempt), use $\langle v \rangle$ volitional $\supset U < v > 0$.

E.g. $\Box\Box\Box\Box\Box\Box\Box$ \Box (I thought I would attempt to avoid as much as possible studying.; $\Box\Box\Box\Box$: as much as possible)

G3.21 Giving and receiving objects and favours

Giving and receiving gifts is a big part of Japanese culture. There are four verbs of interest: \(\sigma \sigma \) \(\sigma \sigma \) \(\sigma \)

The act of giving is associated with the imagery of the gift/favour "going up" to the recipient, and the act of receiving is associated with the imagery of the gift/favour "coming down" from the giver. This leads to the verbs for giving (first person) $\Box\Box\Box$ ($\Box\Box\Box$), and giving (second person) $\Box\Box\Box$ (whose honorific version of $\Box\Box\Box$).

G3.21.1 Giving [as a favour] [] []

There are three verbs for the act of giving, each with their own use.

• DDD: to give (first person, or third person from giver's POV). The speaker must use DDD when the speaker is giving something, and the auxiliary verb <v te>DDD when the speaker is doing someone a **favour**.

E.g. DDDDDD D (first person; I'll give this to teacher.)

E.g. $\square\square\square\square\square\square\square\square\square$ \square (third person; The student give this to teacher (looking at it from the giver's POV).; changing POV to that of recipient warrants a change to $\square\square\square$)

E.g. DD (first person; I'll give you the favour of buying the car./I'll buy the car for you.)

E.g. $\Box\Box\Box\Box\Box$ \Box (first person; I'll give you the favour of going as your substitute.; $\Box\Box\Box\Box$: as a substitute for)

E.g. $\square\square\square\square\square\square\square\square\square\square$ \square (third person; Friend gave the favour of teaching something good to my dad (looking at it from giver's POV).; changing POV to that of recipient warrants a change to $\square\square\square$)

• □□: to give (first person), when the receiver is a pet/animal. This is never used for people, but is included here to point out that □□ here means "to give" and not "to do" (colloquial).

E.g. DDD D (Did you give the dog food?; D: food for animals)

• DDD: to give (second person, or third person from recipient's POV). The speaker must use DDD when someone else is giving something to the speaker, or the auxiliary verb <v te>DDD when someone else is doing the speaker a favour.

As the recipient, the speaker uses $\square\square\square$ to emphasise the action of giving, and $\square\square\square$ to emphasise the action of receiving.

E.g. $\square\square\square\square\square\square\square\square\square\square$ \square (second person; Friend gave present to me.)

E.g. $\Box\Box$ (second person; Will you give me the favour of buying a car?/Will you buy me a car?)

E.g. $\square\square\square\square\square\square\square\square\square\square$ \square (third person; The teacher give this to student (looking at it from the recipient's POV).; changing POV to that of giver warrants a change to $\square\square\square$)

E.g. $\square\square\square\square\square\square\square\square\square\square$ \square (third person; Friend gave the favour of teaching something good to my dad (looking at it from recipient's POV).; changing POV to that of giver warrants a change to $\square\square\square$)

To better illustrate the difference between first and second person ($\square\square\square\square\square\square$), compare the following sentences.

E.g. $\Box\Box\Box$ $\Box\Box\Box\Box\Box$ (Teacher, will you be giving the favour of teaching to (anybody *other* than the speaker)?)

E.g. $\Box\Box\Box$ (Teacher, will you be giving the favour of teaching to (anybody *including* the speaker)?)

When speaking as the recipient of an action or favour, as a recipient the verb used be used.

G3.21.2 Receiving [as a favour] []

There is only one verb for receiving, $\Box\Box\Box$. To indicate who the speaker is receiving something from, use the from-marker particler $\Box\Box$. The past form $\Box\Box\Box\Box$ is much more commonly used, to indicate that the speaker received something. The auxiliary verb $\langle v | te \rangle \Box\Box\Box$ is used when the speaker is receiving the favour of someone doing $\langle v | te \rangle$ for their sake.

As the recipient, the speaker uses $\square\square\square$ to emphasise the action of giving, and $\square\square\square$ to emphasise the action of receiving.

Important: for $\Box\Box\Box$, \Box marks the giver! < receiver> \Box , < giver> $\{\Box/\Box\Box\}$. The subject is performing the receiving, and the target of receiving is the giver.

```
E.g. DDDDDDDDDD D (I received present from friend.)
```

E.g. DDDDDDDDD D (I received present from friend.)

As a non-typical use case, $\square\square\square$ can be used by the giver speaker if they want to emphasise that they are the one from whom the receiver received something.

E.g. DDDDDDD DDD (He received that watch from me.)

G3.21.3 Soliciting favours (\neq request) with auxiliary verbs

Not to be confused with making requests $\S G3.22$! Asking for favours is softer and less direct: "would you do X for me", while making a request is more direct: "please do X".

E.g. DDDDDDDDD DD (Will you give me the favour of lending 1000 yen?; DD: to lend)

The examples include the explicit giver and receiver. They are usually omitted if obvious.

E.g. □□□ □ (Will you give me the favour of lending 1000 yen?)

E.g. DDD D (Can I receive the favour of you lending 1000 yen?)

The request can be made softer by using the negative \(\) \

E.g. $\square\square\square\square\square\square\square$ \square (Won't you be a little quiet?)

E.g. DDD (Can you write this in kanji for me?)

The solicitation of a negative favour can be expressed as a question as <v te-negative>000000 or <v te-negative>000000. Basically negate the <v te> and attach \Box instead of \Box , then either 00000 or 000000 as before.

E.g. $\Box\Box$ (Can you not eat it all?)

G3.22 Making requests (\neq favours)

Not to be confused with asking for favours (SG3.21.3)! Asking for favours is softer and less direct: "would you do X for me", while making a request is more direct: "please do X".

The following sections discuss four ways to issue requests, in decreasing order of politeness:

 $\Box\Box\Box$ > $\Box\Box\Box\Box$ > $\Box\Box\Box$ > imperative form.

G3.22.1 Honorific requests with

DDDDD is the most common way of making requests. It is a special conjugation of DDDD, the honorific form of DDD $\S G3.21.1, \S G3.21.3$. DDDDD must come at the end of the sentence or relative clause, just like DDDDD.

On its own, $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ can mean "please give me/hand me an object" as a transitive verb, using the schema <object $>\Box\Box\Box\Box\Box$.

E.g. $\Box\Box$ \Box (Please give me that.)

E.g. $\Box\Box$ \Box (Can you give me that?)

 $\Box\Box\Box\Box$ can also mean "please do for me" as an auxiliary verb, with the schema <v te $>\Box\Box\Box\Box$. Negative requests are made the same way as with solicitation of favours $\S G3.21.3$, using <v te-negative $>\Box\Box\Box\Box\Box$.

E.g. $\Box\Box\Box$ \Box (Please write it in kanji.)

E.g. DDDDD D (Please don't draw graffiti.; DDD: graffiti)

```
E.g. \Box\Box\Box \Box (Please don't come here.)
```

In casual speech, the $\square\square\square\square$ is commonly dropped, so the naked te-form (or naked te-negative form) is used for making requests. Potential confusions with $\square\square$, which is a short form for the indirect quotation <quote $>\square<$ v> [§G3.18.2] or the generic verb <quote $>\square\square<$ particles> [§G3.19.2].

```
E.g. \square\square\square\square \square (Please speak in Japanese.)
E.g. \square\square\square\square\square \square (Please lend me the eraser.; \square\square\square\square: eraser)
E.g. \square\square\square\square\square\square \square (Please don't go to a far place.)
```

G3.22.2 Casual requests with

The grammatical rules for $\square \square \square \square \square \square$ are exactly the same as $\square \square \square \square$, so it must come at the end of the sentence or relative clause. The same schemae apply: $\langle object \rangle \square \square \square \square \square \square$ and $\langle v te \rangle \square \square \square \square \square$.

```
E.g. \square\square\square\square \square (Please give me the spoon.)
E.g. \square\square\square\square\square\square \square (Please write your name here.)
```

G3.22.3 Polite firm requests with /

 $\square\square\square$ is a special honorific conjugation of $\square\square$, and is a soft (polite) yet firm way of issuing a command. Common example usage situations include a mother scolding her child and a teacher wanting a delinquent student to pay attention. The schema is <v stem $>\square\square\square$.

```
E.g. \square\square \square (Listen well!)
E.g. \square\square\square \square (Sit here.; \square\square: to sit)
E.g. \square (Stop!)
```

In casual speech, $\square\square$ can be dropped, leaving <v stem $>\square$. Do not confuse this (e.g. $\square\square\square\square$) with the imperative-negative form (e.g. $\square\square\square\square\square$, $\S G3.22.4$), which is <v dict $>\square$!

E.g. \square \square \square \square \square \square \square (There's still a lot, so eat a lot.; \square \square is the contraction of \square

G3.22.4 Imperative form

 $\square\square\square\square\square$ is used to ask for favours $\S G3.21.3$, but when its imperative form is used, it becomes a command $\square\square\square\square$.

```
E.g. \Box\Box\Box \Box (Do as you please.)
E.g. \Box\Box\Box \Box (Go away!)
E.g. \Box\Box\Box\Box (Keep at it!; imperative form of \Box\Box\Box)
```

```
\square (Hurry up and bring some alcohol.; \square\square \to \square\square\square\square\square \to \square\square\square\square\square\square)
E.g. 0000
                 □ (Speak in Japanese.)
E.g. 0000
E.g. 00000
                  \square (Lend me the eraser.; \square\square\square\square: eraser)
                      □ (Don't go to a far place.)
E.g.
       □ (Stop (road sign).)
        □ (Stop!)
E.g.
E.g. \square (Die!)
Do not confuse this (e.g. DDDD) with the polite firm request contraction DD (e.g. DDDD, §G3.22.3)
whose schema is \langle v | stem \rangle \square!
E.g. \Box\Box\Box \Box (Don't eat that!)
E.g. \Box\Box\Box\Box\Box \Box (Don't say weird things!)
```

G3.23 The number system

Read the supplementary article on Tofugu.

Finally we reach the point in the textbook that talks about the number systems in the Japanese language. There are three counting languages, based on the origins of the words: $\Box\Box$ (Japanese language), $\Box\Box$ (Chinese origin/Sino-Japanese word), and $\Box\Box\Box$ (loanword of Western origin).

The $\square\square$ counting method is the most common (\square). However, 4 is most often pronounced as $\square\square$ (from $\square\square$) to avoid the homophone with \square (death), 7 is most often pronounced as $\square\square$ (from $\square\square$) to avoid confusion with $\square\square$, and 9 is most often pronounced as $\square\square\square$ to avoid the homophone with \square (suffering). Above 10, the reading is almost always $\square\square$ and $\square\square$.

The $\square\square$ counting method ($\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square\square$) is exclusively used for small numbers from 1 to 10 (and exceptions like 20 days/-th day, 20 years old, sometimes 30 and 40). The exception is the reading for 4 ($\square\square$) and 7 ($\square\square$), which are almost always used regardless of how big or small the number is.

It is customary to write large numbers only in numbers as even \square can become difficult to decipher.

Even though Japanese uses a new word for every 10^4 (like Chinese, and instead of the 10^3 divide used by English and other languages), when written in numerals, the same 10^3 divide is used. E.g.

G3.23.1 Numbers smaller than 1

Zero in Japanese is \Box , but more commonly pronounced as either $\Box\Box$ or $\Box\Box$. For reading decimals, we say \Box for teh dot, and read each individual number after the decimal point.

For negative numbers, simply say $\square\square\square\square\square\square\square$ before the number.

G3.23.2 Dates

Read the main article on Wikipedia.

The date can alternatively be written using the Japanese regnal (counting up from the monarch's ascension) calendar, using the format $\Box\Box$ n \Box ($\Box\Box$: era name). n starts as \Box in the Gregorian year the era's emperor ascends to the throne (also known as the $\Box\Box$, "origin year" of era), and counts up to \Box the following Gregorian year. For instance, at the time of writing, today's date is $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$. The year $\Box\Box\Box\Box\Box\Box$ can be abbreviated to R6 as well. Because the final year in a previous era is the same as the first year in the following era, during years of transition there are two ways to refer to that year (e.g. 2019 is both $\Box\Box\Box$ 1 and $\Box\Box\Box$).

For the modern eras (starting from 1868), each emperor corresponds to one era. Each emperor inherits their era's $\square\square$ posthumously as $<\square\square>\square\square$, so it is rude to refer to the emperor using the era name! The reigning emperor is to be referred to as $\square\square\square\square$ ("His Majesty the Emperor") or $\square\square\square\square$ ("current emperor").

The eras are summarised in Table 11.

Abbreviation range Emperor Notable years □□ Mutsuhito □□ Meiji 1868M1-M45□□ Taishō □□ Yoshihito T1-T15191200000000 □□ Shōwa □□ Hirohito 1926000000000S1 - S64 $1945 = \Box\Box\Box\Box$ □□ Heisei □□ Akihito H1-H31 1989 $2020 = \square\square\square$ □□ Reiwa □□ Naruhito 201900000000 R1-present (□□□) $2025 = \Box\Box\Box$

Table 11: Modern eras in the Japanese regnal calendar.

G3.23.3 Systemic reading changes for counters

Once acquainted with the basic three numbering systems, the next thing is to gain exposure to the various counters (similar to the Chinese language). Pronunciations morph a little based on a largely deterministic set of rules, as shown in Table 12. Detailed examples are in the supplementary PDF.

Table 12: Systemic reading changes of numeric counters. The DDD row always admits DD, but that pronunciation is rare. Informal pronunciation.

Numeral	/k/	/s/	/t/	/h/	/f/	/p/	/w/	/n/	(rest)
00	000000000	00000	000 00 00	00 00 00 00	 []	?	ů	00 00	000000
	(DD/g/)°	$(\square\square/z/)^{\square}$		00/b/ (00/p/)°	00/p/				
	□□/k/		□□/t/	00/p/	00/p/	□□/p/			
00	(DD/g/) ^D			$\Box\Box/\mathrm{b}/$ $(\Box\Box/\mathrm{p}/)^\Box$	00/p/		000		
00					00/p/			□/n/	(00)°
00	□□/k/			00/p/	□□/p/	□□/p/			
00									000
00	$(\Box\Box/k/)^\dagger$		□□/t/	00/p/	00/p/	□□/p/			
000					•	·		•	00
000	000/k/	000/s/	000/t/	ooo/p/	000/p/	000/p/	000		

Numeral	/k/	/s/	/t/	/h/	/f/	/p/ ?	/w/ 	/n/	(rest)
000	000/k/			000/p/	000/p/	ooo/p/	00000		
	$(\Box\Box/g/)^{\alpha}$			00/b/ (00/p/)°	00/p/		000		
00				{00/b/ (00/p/)°	00/p/		000		_

G3.23.4 Ordinals counters /

Read the discussion on Reddit.

The \square suffix or \square prefix can be attached to any of the counting numerals to indicate ordinal position. Note that \square forces \square readings of certain counters (notably $\square \to \square$), as shown by example in §SB.24.

Use of the \Box suffix is preferred when:

- in slightly casual settings
- order is not predetermined or fixed (e.g. rankings)
- order is not significant (e.g. rankings)

Use of the \Box prefix is preferred when:

- in slightly formal settings
- the order is predetermined and fixed (e.g. chapters in a book, episodes of a show, questions in a test)
- the order is significant (e.g. first impression, first bank)

G3.24 Casual and slang speech

Just like how English slang is designed for communication efficiency (or style), and is pretty wack when compared to proper standard English, Japanese slang is the same. Slang vocabulary is growing with each new generation. Japanese slang is also heavily influenced by local dialects, though most of the content here is suited for the greater $\Box\Box$ area.

In Japanese slang, anything goes and rules that apply to written Japanese are often broken, but you have to break them correctly. This is something that requires real practice with real people in real-world situations. Generally, the fundamental goal of slang is to make things easier to say by reducing mouth movement: many sounds are shortened or slurred together for that purpose.

E.g. DDD 00000DDDD 00000DDDD (It's boring here, let's go to my place.; DDDDD: boring)

G3.24.1 Slang sentence ordering

A complete grammatically correct sentence typically ends with a verb. In Japanese slang, this is often bent. In conversations, it's typical to say the first thing that comes up in our thoughts, without thinking about how to structure the whole sentence properly. Often, this first thought is the verb. Once the verb has already out of your mouth, you'd then follow up with an explanation of what you mean: the surrounding context and such.

E.g. $\square\square\square\square\square$ (proper; What is that?)

E.g. DDDD (slang; What is that?; a contraction of DDDDD)

E.g. DDDDDDD (Did you see? That guy?)

E.g. DDDDDDDDDDDDDD (Have you eaten it? The ice cream I bought yesterday.)

G3.24.2 Seeking positive confirmation with and

 $\square\square\square\square$ is an \square -adjective that can be used as a question to weakly assert the positive (with a seeking confirmation tone, like the \square particle). It expresses the nuance that you're relatively sure but it's still a question. $\square\square\square$ is its slang contraction, and can be attached to the end of any sentence and any part-of-speech. regardless $\square\square\square\square$ is slightly feminine, while $\square\square\square$ is neutral.

E.g. DDDDD D (Well, it's probably fine (don't you think?).)

E.g. DDDDD D (Well, it's probably fine (don't you think?).)

E.g. \square \square \square \square \square \square (Is Takashi-kun here? Dunno. Ah! See, he's here!)

The questioning, seeking confirmation tone can be strengthened by adding the question particle \Box (), even in informal settings.

G3.24.3 Showing contempt for an action with auxiliary verb

The auxiliary verb $\square\square\square$ (used as <stem $>\square\square\square$) indicates hatred, contempt or disdain for another's action. This is derogatory and is only used inside of movies, comic books and games.

E.g. DDDDDD DDDDDDDDD (Losing to a guy like that. Well, what are you going to do?)

G3.24.4 The ruby $\{ \{ \}$ mispronunciation and filler word $\}$

% When used to mean "what", \square can be read as either \square or \square depending on the word that comes after (e.g. \square (what colour) \square (how many people)).

 \square means "something" and its correct reading is \square , but in slang it is often contracted to \square .

E.g. 00000

E.g. DDDD___DDDDDDD (I guess he's like busy today.)

E.g. DDDDDDDDDDDDDDDD (Like, baths feel really good, huh?)

G3.25 More sentence ending particles and gender-specific ones

 $\square\square\square$ are casual forms of the $\square\square\square$ particles respectively, which were introduced in §G2.12.

• □: a rough casual form of □ (to express seeking and expectation of agreement, like "right?/ isn't it?" in English), and is preferred when □ sounds too soft or reserved for what you're trying to say.

• □: a very casual form of □ (to express that you're informing something new, like "you know..." in English), and is used like the English filler "like...". It's not a very sophisticated manner of speech, but it's over-used and an easy habit to fall into, just like how "like" is over-used in English.

 $\square\square$... $\square\square$ $\square\square$... \square \square ... \square \square ... \square ..

The following three are sentence-ending particles used purely for emphasis and have no further special meaning. They make your statements sound much stronger and gender-specific.

• □: feminine emphasis version of □ (to express that you're informing something new, like "you know..." in English).

E.g. $\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (There is no more time.)

• □□□: masculine/"cool" emphasis versions of □ (to express that you're informing something new, like "you know..." in English).

```
E.g. \Box\Box\Box\Box\Box\Box (Hey, we're going!)
```

E.g. DDDDDDDDD D (With this, it's over already.)

Note that females can use \Box/\Box , and males can use \Box too, for coolness or softness respectively.

G3.25.1 Question particle and gender-specific ones

The \square (casual \square) particle can be combined with the question particle \square to form $\square\square$, typically used when the speaker is considering something. $\square\square\square$ is the feminine version of $\square\square$.

```
E.g. DDDDDDD D (I wonder if it'll rain today.)
```

E.g. DDDDDDD D (I wonder if I can go to a good university.)

E.g. DDDDDDD D (I wonder if I can go to a good university.)

 $\square\square$ (only for yes/no question) and $\square\square$ (only for open-ended question) are masculine question particles.

E.g. DDDDDDDDDDD D (Can I call you Saki-chan?)

E.g. DDDDDDDDDDDDDDDD D (I'm going to see a movie on Saturday, want to go together?)

G3.26 Example conversations

Here are two example conversations to apply what we've learnt in this entire "essential grammar" section.

```
• DDDDDDDDDDDDDDDDDDDDD (Kaga-sensei, is it ok to ask you a question?)
 000000000000 (Sure.)
 □□□□□□How do you say "Hello" in Japanese?; quotation + conditional
 form of \Box\Box)
 omoomoomoomo Mell, mostly, I think
 people say "konnichiwa". However, when you write it, it is not "konnichiwa"; you must write
 "konnichiha"; nested quotation + quotation; negative sequence of states)
 not confuse with \square!) "Other something good expression, exist?")
 00000000
           preparation for the future). In the morning, everybody says "ohayou". But, to a higher person,
 please say "ohayou-gozzaimasu": 000 \rightarrow 00000 \rightarrow 00000 \rightarrow 000000000 (te-form request of
 casual form of DDDDD))
 DODDODDODDODDODDODDODDODDODDODO (Ok, I got it. I'll try not to make that mistake.
 That was very informative ("it became good study")!)
• DDDDDDDDDDDDDDDDDDDD (Oh! It's Alice. Hey, can I ask you a question?)
 \square\square\square\square\square\square (What's up?)
 0000000000
              you teach me? DDDDDDDD is the desiderative form of DDDDDDD.)
 □□□□□□□□□··· (Yeah, I was thinking about trying out studying
 000000000000000
 abroad in America. I attempted going last year too, but I didn't have money.; □□□□□□□ + □
 sentence ending particle + quotation + \square\square\square; \square\square\square\square\square\square: to attempt to go)
 DDDDDDDDDDDDDDDDDDD (Really? No problem. When do you want me to teach you?)
 DDDDDDDDDD (Anytime is good.)
 DDDDDDDDDDDDDDD (Yeah, that's good. Thank you!)
                □□ (Don't shirk on your studies or not come, ok?; □□□: to laze)
 0000000
 DDDDDDDDDDD (I won't do anything like that!)
```

G4 Special expressions

This section is named "special expressions" because except the first few subsections, most of the grammar here applies to more specific use-cases. However, this "special expressions" section as as whole is necessary for everyday conversations.

G4.1 Causative, passive and causative-passive forms

We finally learn the last three major verb conjugations.

G4.1.1 Causative form $\bigcirc\{\ /\ \}$

The causative form of verbs indicate that someone was made to perform the verb. It has two senses: making somebody do something, and letting someone to do something. Disambiguation between the two senses is based on context!

When the causative form is used with $\Box\Box\Box/\Box\Box\Box$, it almost always means to "let someone do". Otherwise, it usually means "make someone do".

For detailed conjugation rules, refer to §GA.1. All causative form verbs are □-verbs. Further conjugations follow □-verb rules.

When listening, $\square \bigcirc \square$ is the signal for passive voice, though for \square -verbs there is potential conflict with the potential form.

```
E.g. \square\square \quad\square (Made/let some
one eat it all.)
```

E.g. $\Box\Box$ \Box (Let someone eat it all.)

E.g. DDDDDDDDDDDDDD D (Teacher made students do lots of homework.)

E.g. $\square\square\square\square\square\square\square\square\square\square\square$ \square (Teacher let someone ask lots of questions.; $\square\square \to \square\square\square\square$ (causative) $\to \square\square\square\square$ (to give the favour))

E.g. $\square\square\square\square\square\square$ \square (Please let me rest from work today.; $\square\square \to \square\square\square\square$ (causative) $\to \square\square\square\square\square\square\square$ (desiderative of causative, "let-do" sense))

When asking for permission to let someone do something (including letting yourself do something), it's more common to use the $\square\square\square\square\square\square\square\square$ grammar (§G3.16.3).

```
E.g. DDDDD DD (Can you let me go to the toilet? (sounds like a prisoner, even in English))
```

E.g. DDDD (Is it ok to go to the toilet?)

In very rough/casual slang, the causative form may be expressed with the \square -verb ending \square . For detailed conjugation rules, refer to §GA.1. All causative form verbs are \square -verbs. Further conjugations follow \square -verb rules (with \square ending).

E.g. DDDDDDDD COOODD (Don't make me say the same thing again and again!)

G4.1.2 Interlude I: passivisation, direct and indirect/adversative passives

Read the supplementary materials on [TFG1] and [TFG2].

There is no such thing as a "suffering passive": there is nothing in the language that indicates that someone is suffering from a passive verb. The "suffering" connotation comes the passive verb indicating that the experiencer has no control over the performed action. (/TK)

Note that parts-of-speech (e.g. object, subject) are purely grammatical (syntactic) roles. An entity being the performer of the action or the receiver of the action's effects are semantic roles. Semantic roles do not change under passivisation (otherwise the sentence's meaning changes), whereas grammatical roles may change.

(SL) In English, passivisation can only be applied to a sentence containing a transitive verb. When it occurs, the object is promoted to the subject position, and the subject is demoted to an oblique (a non-required argument).

In Japanese, passivisation is a bit more flexible: intransitive verbs can be passivised too.

We now distinguish between the direct and indirect/adversative passives in Japanese.

• Direct passive (transitive only): used to express that the transitive verb was done to someone/something (subject experiencer; marked by □), by someone (origin oblique/optional performer; marked by □). The effect that the action has on the experiencer is very obvious, since the verb is done directly to them (promoted to subject grammatical role). The subject (demoted to an oblique) is often omitted as it's not important. The Japanese direct passive is equivalent to the English passive.

The semantic performer is the syntactic origin after passivisation and marked by \square . This usage of \square as *origin* rather than desstination is very similar to $\square\square\square$'s usage (§G3.21.2, [TFG]), since the passive subject is the receiver (experiencer) in the transaction (action).

```
E.g. \Box\Box\Box\Box \Box (I was kissed by Picasso.)
E.g. \Box\Box\Box\Box \Box (A cigarette was smoked.)
```

• Indirect passive (both transitive and intransitive): used to express that someone (origin performer; marked by □) did a <u>transitive/intransitive verb</u>, involving an optional direct object (only for transitive verbs; marked by □), and it had an effect on someone (experiencer; marked by □/□; [TK]). There is no equivalent in English. The adversative nuance is not guaranteed, though very likely present in indirect passive sentences.

In the above example, the passive verb is $\square\square\square\square$, the experiencer is me, and the performer is \square $\square\square\square\square\square$ (marked by origin particle \square). The indirect passive emphasises that this act of smoking was done to me, and that I did not have control over it, creating the nuance that the act was a nuisance.

In the above example, the indirect passive is used, but the effect may not be adversative depending on the context: I could be fainting from the smoke, or from the fact that it's Brad Pitt.

Except for a few cases, the indirect passive is always formed with verbs that were intentionally performed by some one. The performer of the verb (marked by \square) is therefore usually a person.

Only (some) weather-related verbs are acceptable exceptions to this rule, where the performer is a weather-related object. More details in §G4.2.3.

E.g. DDDDDDDDDD (My head was fallen on by a book.; [TFC1]) Unnatural sentence: the performer should not be an object.

```
E.g. \square\square\square\square \square (All of a sudden, I was rained on.; \square\square is intransitive; [TFG1])
```

For a deeper treatment of the passive voice, refer to the postlude (§G4.2).

G4.1.3 Passive form \bigcirc

The passive voice in Japanese is often used in written essays and articles. Read more about passivisation in §G4.1.2.

For detailed conjugation rules, refer to §GA.1. All passive form verbs are \square -verbs. Further conjugations follow \square -verb rules. Note that for \square -verbs and \square \square , the passive form is identical to the potential form ($\square\square\square\square$); disambiguation requires context and is otherwise impossible.

When listening, $\square \bigcirc^{\square}\square$ is the signal for passive voice, though for \square -verbs there is potential conflict with the potential form.

In Japanese, the standard SOV sentence schema is $\langle \text{subject} \rangle \square \langle \text{chiev} \rangle \square \langle \text{transitive v} \rangle$, or $\langle \text{performer} \rangle \square \langle \text{experiencer} \rangle \square \langle \text{transitive v} \rangle$ in semantic terms. After passivisation into the **direct passive**, it becomes $\langle \text{performer} \rangle \square \langle \text{experiencer} \rangle \square \langle \text{transitive v passive form} \rangle$. Notice that the semantic performer is now the syntactic origin (marked by \square), and the semantic experiencer is now the syntactic subject (marked by $\square \backslash \square$). This is very similar to $\square \square \square$'s usage of \square as a origin particle (§G3.21.2, [TFG]), since the passive subject is the receiver (experiencer) in the transaction (action).

% Because an indirect sentence is more polite in Japanese, the passive voice is used to show a level of politeness above the normal □□ form. In a similar sense to how it's more polite to address someone indirectly, and how it's more polite to ask negative questions than positive ones [§G3.4.2], the passive form makes the sentence less direct because the subject (now the experiencer) does not directly perform the action. In increasing levels of politeness of expressing "what will you do?":

- 1. (active voice) □□□□□
- 2. (active voice, polite) DDDDDDD
- 4. (??? voice, honorific, S???)
- 5. (???? voice, honorific, less certainty, S???)

With increasing indirection and politeness, the sentence grows longer and longer.

```
E.g. \square \square \square \square \square (What about your receipt?)
```

E.g. DDDDDD (Are you going to tomorrow's meeting?; passive voice deliberately used for politeness)

G4.1.4 Caustive-passive form \bigcirc

The causative-passive form is used to express the idea that the action of "making someone do something" was performed to that person, or in short, the idea that someone was made to do something. The verb is first conjugated to the causative then the passive, never the other way round.

For detailed conjugation rules, refer to §GA.1. All passive form verbs are □-verbs. Further conjugations follow □-verb rules.

The causative-passive form is a variant of the passive voice, so the \square particle marks the *origin*, i.e. the performer of the action.

When listening, $\square \bigcirc$ $\square \square \square \square$ is the signal for causative-passive voice.

The following shortened causative-passive form only exists for \square -verbs with $* \setminus {\square}$ -ending.

In very rough/casual slang, the shortened causative-passive form (derived from the shortened causaive form, §G4.1.1) may be used. This form only exists for \square -verbs with the exception of those with a \square -ending in dictionary form, because wherever the shortened causative form ends with \square \square , the shortened causative-passive form would have $\square \cdots \square \square \square \square \square \square$ in it, which is not allowed.

```
E.g. \square\square\square\square\square\square\square (The stuednt was made to stand in the hall.; \square\square: to stand)

E.g. \square\square\square\square\square\square\square\square\square (In Japan, the event of being made to drink is numerous.)

E.g. \square\square\square\square\square\square\square\square\square (I was made to wait 2 hours by that guy.)
```

G4.2 Postlude: a deep dive into passivisation in Japanese

Read the article chain starting from [TMJK1].

This website is a teachers' reference, and I obtained it from a Quora answer. For the interest of time and for the sake of not losing focus on the main task at hand (learning how passivisation works in Japanese), I'll be taking notes after translating the website. I hope that one day I'll be able to read such websites directly without the help of translation. What's holding me back at the moment is lacking a fair bit of grammar knowledge and a lot of vocabulary knowledge...

G4.2.1 Introduction into the passive voice ruby $\{ \{ | | \} \}$

Read the main article on [TMJK1].

The passive voice $(\Box\Box\Box\Box\Box)$ has multiple interpretations. There are distinct subsets of passive voice (expressions A and B on TMJK's Venn diagram) that are highly similar. At the beginner level,

where the students' grammar and vocabulary knowledge are very limited, it is not possible to cover the nuances between similar usages. Instead, we'll first study parts of A and B that are as far away as possible from where they may overlap, such that their differences are more perceivable and gentler to learn. Some beginner-level grammar will be used; such grammar is not meant for natives but is useful for non-native learners.

There are over ten types of passive voice, if we want to pedantically differentiate them all.

G4.2.2 Classifications of the passive voice

Read the main article on [TMJK2].

The reason passive voices are difficult for students is that they have to learn so many forms in one day, at one go.

From the $\Box\Box\Box\Box\Box\Box$ textbook, there are six:

```
□ (I was praised by my boss.; □□□: to praise (transitive))
1. 00000
               □ (I was requested by my boss to do work.; □□: to request/entrust to (transitive))
  □ (My foot was stepped on by someone. □□: to step on (transitive))
2. 0000000
                □ (My manga books were thrown away by my mom.; □□□: to throw away
  (transitive))
3. DDDDDDDDDDDD (The exhibition will be held in Osaka.; DD: to open (business) (intransitive))
              □ (An international conference will be held in Osaka.; □□: to perform/carry out
  00000000
  (transitive))
4. 000 00000
               □ (This art museum will be demolished next month.; □□: to break/demolish
  (transitive))
                    □ (□□□: to construct (transitive))
  □ (Japanese cars are exported to many countries.; □□□□: to export
5. 00000000000
  (transitive))
  000000000
                   □ (Washing machines are assembled in this factory.; □□□□□: to assemble
  (transitive))
   00 0 00000 000000 0
6. 0000 0 00 0 000000
                      □ (The Tale of Genji (Heian-period classic) was written by Murasaki
  Shikibu.; □□: to write (transitive))
  0000000000000000
                        □ (The telephone was invented by Graham Bell.; □□□□: to invent
  (transitive))
```

There are two particles $\Box\Box\Box$ and $\Box\Box\Box\Box$ associated with the passive voice. To learn them both in one day is asking too much from learners. $\Box\Box\Box\Box\Box\Box\Box$ also misses out passive intransitive verbs such as $\Box\Box\Box\Box\Box\Box\Box\Box\Box$.

From the $\begin{picture}(60,0) \put(0,0){\line(0,0){10}} \put(0,0){\line(0,0){10$

- 3. □□□□□□ □ (The meeting is held in Osaka.; □□: to open (business) (intransitive))
 □□□□□□□□□□□□ □ (Kanazawa is said to be a Little Kyoto (small town with historical features reminiscent of Kyoto).; □□: to be called/defined (transitive))

Here, (†) are examples of the intransitive passive. The $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ construct ($\Box\Box\to\Box\Box\Box\Box$ (passive) $\to\Box\Box\Box\Box\Box\Box$ (progressive passive)) is very often used in the passive voice ("it is said that...").

The burden on learners can be significantly reduced by dividing the teaching up into parts. For the six forms in $\Box\Box\Box\Box\Box\Box$, we can group them into two groups: $\{1,2\}$ and $\{3,4,5,6\}$. The first two kinds involve emotion, while the last four don't.

Furthermore, a distinct feature of the Japanese passive voice is the adversative passive interpretation (DDDDDD). However, whether an action is adversative depends less on the sentence structure, and much more on the meaning of the verb used. There is therefore nothing inherently in the grammatical rules and syntax that suggest adversativity. The passive voice can be used for both positive and negative emotions, even if the passive voice always conveys the idea that the experiencer has no control over the action and its performer.

To start off, fix the experiencer to always be "me", and fix the sentence structure to be $\Box\Box\Box$ <performer> \Box <verb passive> \Box The experiencer will change later as we progress further (§G4.2.4).

G4.2.3 The grammar rules of passives

Read the main articles on [TMJK3] and [TMJK4].

For the sake of ease of understanding, we categorise the passive voice into two broad groups:

• (direct passive group). Broadly speaking, in this group, the subject (suffixed by \Box/\Box) has something done to them <u>directly</u> by someone (suffixed by \Box).

Members include:

- ► □□□□ (direct passive), a.k.a. □□□□□□□□ (direct target passive)□□□□□□□ (other party passive) <experiencer>{□/□}<performer>□<v transitive passive>, where <experiencer> IS the promoted object of the corresponding active voice sentence.
- ► □□□□□ (neutral passive)
- (indirect passive group). Broadly speaking, in this group, the subject (suffixed by □/□) has something done to them indirectly by someone (suffixed by □).

Members include:

► □□□□ (indirect passive)

<experiencer> $\{\square/\square\}<$ performer> $\square<$ v transitive passive>, where <experiencer> is NOT the promoted object of any active voice sentence.

- ► □□□□□ (adversative passive)
- ► □□□□□□ (possessive passive)

<experiencer-owner>{ \square / \square }<performer> \square <ownee> \square <v transitive passive>, where <experiencer> is NOT the promoted object of any active voice sentence.

► □□□□□□ (intransitive passive)

```
<experiencer>\{\square/\square\}<performer>\square<v intransitive passive>.
```

At the end of the day, from this landscape, the syntax is mostly the same.

We now look at the direct, indirect, possessive and indirect passives more closely. Here are their definitions $(\Box\Box)$.

1. (direct passive).

<experiencer> $\{\Box/\Box\}$ v transitive passive>, where <experiencer> IS the promoted object of the corresponding active voice sentence.

• There is a corresponding active voice sentence.

• Adversative nuance is not guaranteed (depends on the passivised verb).

 $[\square\square\square\square\square\square\square]$ $\square\square\square\square\square\square\square\square\square\square$ (I was scolded by my teacher.; $\square\square\square$: to scold (transitive))

• Exists in English.

Because the direct passive is equivalent to the English passive, the direct passive is easy for English speakers to understand.

2. (indirect passive).

When translating indirect passives into English, purposely place the origin at the end of the sentence as "by <origin>", then the rest of the sentence is usually expressed as "<experiencer> got <v passive> on by <origin>".

<experiencer> $\{\Box/\Box\}$ v transitive passive>, where <experiencer> is NOT the promoted object of any active voice sentence.

• There is no corresponding active voice sentence.

```
\square\square\square\square \square\square\square\square\square\square\square\square\square\square\square\square\square\square (The person in sitting next to me spoke loudly.; \square\square: to speak (transitive))
```

The passive sentence contains the experiencer semantic role $\square\square\square$ (syntactic subject). In the closest equivalent active sentence, this subject does not take on the semantic experiencer role (of the verb $\square\square$). Another way to think about this: the semantic experiencer (syntactic subject) in the passive sentence was not promoted from a grammatical object of any active sentence. Therefore, there is no corresponding active sentence.

The *indirect* passive is named as such because $\square\square\square$ was not directly affected by verb $\square\square$, only *indirectly* so.

• Adversative nuance is guaranteed.

See above point.

• It is difficult to translate to English.

The indirectness of the indirect passive has no equivalent in English.

3. (possessive passive). The possessive passive is sometimes grouped together with □□□□□□ , and sometimes considered to be in a category of its own.

<experiencer-owner> $\{\Box/\Box\}$ former> \Box ownee> \Box v transitive passive>, where <experiencer> is NOT the promoted object of any active voice sentence.

E.g. $\Box\Box\Box$ $\Box\Box\Box\Box\Box$ (My wallet was stolen by a pickpocket.; $\Box\Box$: pickpocket, $\Box\Box$: to steal (transitive))

The *possessive* passive is named as such because the direct object (suffixed by \square) of the passive verb belongs to the subject (suffixed by \square/\square).

• There is no corresponding active voice sentence.

 $\Box\Box\Box\Box$ $\Box\Box\Box\Box\Box\Box$ (I got my cell phone destroyed by my brother.; $\Box\Box$: to break/destroy (transitive))

In the possessive passive sentence, the experiencer semantic role is $\square\square\square$ (syntactic subject). In the closest equivalent active sentence, $\square\square\square$ is merely a label to $\square\square$ and does not take on the experiencer semantic role. Therefore, there is no corresponding active sentence.

• Adversative nuance is not guaranteed (depends on the passivised verb).

 $[\Box\Box\Box\Box\Box\Box\Box]$ $\Box\Box\Box\Box\Box$ $\Box\Box\Box\Box\Box\Box$ (non-adversative; I got my Japanese praised by Tanakasan.; $\Box\Box\Box$: to praise (transitive))

Some usage pointers.

• When the passive sentence involves body parts of the owner, the direct passive is unnatural.

[00000000]

 When the passive sentence involves possessions of the owner, the direct passive is also possible.

 $[\Box\Box\Box\Box\Box\Box\Box\Box]$ $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (I got my computer broken on me by Tanaka-san.; \Box : to break/destroy (transitive))

 $[\Box\Box\Box\Box\Box\Box]$ $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (My computer was broken by Tanaka-san.)

• When the passive sentence involves parties related to the owner, the direct passive is also possible.

 $[\Box\Box\Box\Box\Box\Box\Box\Box]$ $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (I got my child disparaged on me by his teacher.; $\Box\Box$: to speak ill of/disparage (transitive))

[DDDDDDD] DDDDDDDDDDDD (My child was disparaged by his teacher.)

4. (intransitive passive).

<experiencer>{ \square / \square }<performer> \square <v intransitive passive>.

• There is no corresponding active voice sentence.

Similar explanation to the other members of the indirect passive group. The experiencer semantic role is present in the intransitive passive (suffixed by \Box/\Box), but completely absent in the closest equivalent active sentences: active intransitive verbs only involve a subject (which would be the origin of the passivised intransitive verb, not the experiencer). Therefore, there is no corresponding active sentence.

• Adversative nuance is not guaranteed.

 $[\Box\Box\Box\Box\Box\Box\Box]$ $\Box\Box\Box\Box\Box\Box\Box\Box$ (adversative; I had my lover run away on me.; $\Box\Box\Box$: to run away (intransitive))

[DDDDDDDD] DDDDDDDD (adversative; I had my child cry on me.; DD: to cry (intransitive))

 $[\Box\Box\Box\Box\Box\Box\Box]$ $\Box\Box\Box\Box\Box\Box\Box$ (adversative; I had the rain fall on me.; $\Box\Box$: (of precipitation/ash) to fall)

Some usage pointers.

• Among intransitive verbs, non-volitional ones (□□□) are harder and less natural to passivise. A notable exception is □□ for precipitation/ash.

 $[\Box\Box\Box\Box\Box]$ $\Box\Box\Box\Box\Box\Box$ (I had the rain fall on me.; $\Box\Box$: (of precipitation/ash) to fall (intransitive)))

[0000000] 00000000000

Even though all these attempted intransitive passive verbs have the adversative nuance, they are nonetheless considered unnatural. (Perhaps for a reason only accessible to higher level learners...)

G4.2.4 Indirect passives to convey adversative emotions, and involving a third person subject

Read the main article on [TMJK5].

Indirect passives can be purposefully used to convey negative feelings evoked from an indirect action.

• If the speaker has only a general relationship with \$\quad \text{DDDD}\$ or \$\quad \text{DDDD}\$, the speaker state say the following objectively (\$\quad \text{DDDDDDDDDDDDD}\$):

• However, if the speaker likes \$\pi\pi\pi\$ and sees \$\pi\pi\pi\$ as a love rival, then the actions of \$\pi\pi\pi\$ and \$\pi\pi\pi\$ and \$\pi\pi\pi\$ in A1 and B1 would be unpleasant, even if their actions did not directly affect the speaker. The speaker would therefore use the indirect passive voice to express their feelings.

The subject/experiencer in passive sentences is a person, and is most commonly $\square\square\square$. If so, it is often omitted $(\square\square\square\square\square\square\square)$. If the subject/experiencer is not a human, then it would be something similar to a person, such as an organisation a person belongs to.

In §G4.2.2, we fixed the subject/experiencer to $\square\square\square$ We now vary this. The subject/experiencer can be a third person/party ($\square\square\square$) that is neither the speaker nor the origin/performer of the passivised action. To do this, simply state the third party subject explicitly, suffixed with \square/\square .

• [C1#□□□□] □□□□□□□□□□□□□ (Tanaka-san had a day off taken on him by the part-timer.; □ □: to take a day off (intransitive))

However, the above sentences would sound incomplete to the native ear. They are missing the *feelings* of the third party.

(The # here mean "may be acceptable to some readers"; courtesy of SL.)

• [C20000] 0000000000 (Tanaka-san had a day off taken on him by the part-timer, and was very troubled.; 00: to take a day off (intransitive))

 $[D2\square\square\square]$ $\square\square\square\square\square\square\square\square\square$ (Kawaguchi-san got his letter read on him by his friend, and he felt embarrassed unintentionally.; $\square\square$: to read (transitive), $\square\square\square$: to do/happen unintentionally (AUX))

When the feelings of the aggrieved party is made explicit, the indirect passive flows more naturally.

G4.2.5 The three passive voice particles

Read the main articles on [TMJK5], [TMJK6], [TMJK7].

The \square particle marks the origin/performer of the passive voice. The origin/performer in the indirect passive group can only be suffixed by \square .

 $[\Box\Box\Box]$ $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (I got visited for playing late at night on by my friend.; $\Box\Box$: to come (intransitive))

In direct passive sentences, three particles are possible: $\square\square\square\square\square\square\square\square\square\square\square\square$. The default particle is still \square , and there are some cases where \square can't be used, or another particle is more suitable.

Some rules of thumb:

• For passivised verbs that act on people, express the origin's emotion, or have a sense of mobility or direction, both dodd can be used to mark the origin/performer.

 $[\Box\Box\Box]$ $\Box\Box\Box$ { / } $\Box\Box\Box\Box\Box$ (act on people; I was praised by my teacher.; $\Box\Box\Box$: to praise (transitive); Both $\Box\Box\Box\Box$ are possible, $\Box\Box\Box\Box$ is more formal and not used here.)

 $[\Box\Box\Box]$ $\Box\Box\Box\Box\Box\Box\Box$ { / } $\Box\Box\Box\Box\Box$ (emotion; Juliet was loved by Romeo.; $\Box\Box\Box$: to love (transitive))

 $[\Box\Box\Box]$ $\Box\Box\Box\Box\Box\Box\Box\Box\Box$ { / } $\Box\Box\Box\Box\Box$ (emotion; Zhou Enlai is still respected by the Chinese people today.; $\Box\Box\Box\Box$: to respect (transitive))

 $[\Box\Box\Box]$ $\Box\Box\Box\Box\Box\Box\Box$ { / } $\Box\Box\Box\Box\Box$ (emotion; Tanaka-san is suspected by the detective.; $\Box\Box\Box$: to suspect (transitive))

 $[\Box\Box\Box]$ $\Box\Box\Box$ { / } $\Box\Box\Box\Box\Box\Box$ (mobility/direction; I was called out to by my teacher.; $\Box\Box\Box\Box$: to call out to (expression/intransitive))

 $[\Box\Box\Box]$ $\Box\Box\Box\Box$ { / } $\Box\Box\Box\Box\Box\Box\Box$ (mobility/direction; Suddenly, I was stopped by my friend.; $\Box\Box\Box$ $\Box\Box$: to call and stop sb/sth (transitive))

[DDDD] DDDDDDDDDDDDDDDQ (mobility/direction; Because I looked very bad, I was turned around to by everyone.; $\Box\Box/\Box\Box$: appearance, $\Box\Box\Box\Box$: to turn around (expression/transitive))

 $[\Box\Box\Box]$ $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ $\{$ / $\}\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (emotion; The contestant Tanaka was warmly welcomed by his teammates.; $\Box\Box\Box$: to go out and greet (transitive))

• For passivised verbs that refer to a give-receive transaction, because □ already marks the receiver, it cannot be used again in the same sentence to mark the origin (giver) in the same transaction. □□ must be used to mark the origin.

Examples of verbs related to give-receiving: $\Box\Box\Box\Box\Box$ (to award) $\Box\Box\Box$ (to hand over) $\Box\Box\Box$ (to send) $\Box\Box\Box$ (to gift) $\Box\Box\Box\Box$ (to bestow/give to someone of lower status).

 $[\Box\Box\Box]$ $\Box\Box\Box$ { } $\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (give-receive; The book was passed to the student by the teacher.; $\Box\Box$: to hand over (transitive))

```
\square\square: to gift (transitive))
    [0000] 0000000000\{ / \}0000000000 (give-receive; The graduation certificates were
    awarded to the students by the principal.; \(\bigcirc{\pin}{\pin}\bigcirc{\pin}{\pin}\bigcirc:\) to award (transitive))
                                                         } \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \] \[ \
    [0000] 000000000{ /
    champion by the Prime Minister.; DDDD: to award (transitive))
    If the sentence contains \square to mark the location destination of the verb, then \square can still be
    used (because it's a different sense in the same sentence) to mark the origin.
    [\Box\Box\Box] \Box\Box\Box \{ \neq \} \Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box (I was invited to the Sushi restaurant by teacher.; \Box\Box: to invite
    (transitive))
• For formal passivised verbs that refer to a give-receive transaction (same as previous point
    but formal), and for verbs that involve creation of a work, under is used. As an exception, the
    \square\square\square verb (to punish (transitive)) must use \square\square\square\square.
    Example verbs related to creation: \Box\Box (to draw)\Box\Box\Box\Box (to compose (music))\Box\Box\Box\Box (to invent)\Box
    \Box\Box\Box\Box (to discover) \Box\Box\Box\Box\Box (to write).
    [0000] 0000000000\{ / \}0000000000 (give-receive; The graduation certificates were
    awarded to the students by the principal.; DDDD: to award (transitive))
                                                         [0000] 000000000{ /
    champion by the Prime Minister.; DDDD: to award (transitive))
    [\Box\Box\Box] \Box\Box\Box\Box\Box\Box \{\Box\Box\Box\Box\Box (creation; "Fate" was composed by Beethoven.; \Box\Box\Box\Box: to
    compose (music) (transitive/intransitive))
    designed by Mr. Kenzo Tange.; DDDD: to design (transitive))
```

 $[0000] \ 0000000 \{ \quad \} \\ 0000000 \ (punish; Mr. Tanaka was punished by the law.; \\ 0000: to punish \\$

Further exploration of the passive voice will be left to a future date.

Columbus.; DDDD: to discover (transitive))

(transitive))

GA Grammar mega summary

GA.1 Conjugation rules summary

GA.1.1 Nouns

Table 13: Noun conjugation rules.

Purpose	Tense	Casual schema	Polite schema
	Present-positive	$<$ noun $>$ [\square]	<noun>000</noun>
	Present-negative	<noun>0000</noun>	<noun>00000000 <noun>00000000</noun></noun>
	Past-positive	<noun>000</noun>	<noun>0000</noun>
State-of-being	Past-negative	<noun>000000</noun>	<noun>00000000000000000000000000000000000</noun>
State-of-being	□-positive	<noun></noun>	-
	□-negative	<noun>0000</noun>	-
	Conditional- positive	<noun>0000</noun>	-
	Conditional- negative	<noun>000000</noun>	

In $\square\square\square,$ $\square\square\square\square\square$ indicates the past-tense.

As alternative polite forms:

- \bullet $\mbox{\tt ooolooo}$ can be replaced with $\mbox{\tt ooolooo}$.

GA.1.2 -adjectives

Table 14: $\square\text{-adjective}$ conjugation rules.

Purpose	Tense	Casual schema	Polite schema
	Present-positive	$<$ na-adj $>$ [\square]	<na-adj>000</na-adj>
	Present-negative	<na-adj>0000</na-adj>	<na-adj>000000 <na-adj>0000000</na-adj></na-adj>
	Past-positive	<na-adj>000</na-adj>	<na-adj>0000</na-adj>
State-of-being	Past-negative	<na-adj>000000</na-adj>	<na-adj>00000000 <na-adj>000000000</na-adj></na-adj>
(same as nouns)	□-positive	<noun>□</noun>	-
	\Box -negative	<noun>0000</noun>	-
	Conditional- positive	<na-adj>0000</na-adj>	-
	Conditional- negative	<na-adj>000000</na-adj>	-
	Present-positive	<na-adj $>$ $<$ noun $>$	-
Noun modifier	Present-negative	$<\!\mathrm{na\text{-}adj}\!>\!\square\square\square\square<\!\mathrm{noun}\!>$	-
Noun modifier	Past-positive	$<\!\!\mathrm{na\text{-}adj}\!\!>\!\!\square\square\square<\!\!\mathrm{noun}\!\!>$	-
	Past-negative	$<\!\!\mathrm{na\text{-}adj}\!\!>\!\!\mathtt{0000000}<\!\!\mathrm{noun}\!\!>$	-
Adverb	-	$<$ na-adj $>$ \square	-

GA.1.3 -adjectives

All $\square\text{-adjectives}$ end with $\square\square$ that is $\underline{\text{not}}$ part of the $\square\square\text{'s}$ pronunciation.

Table 15: $\square\text{-adjective}$ conjugation rules.

Purpose	Tense	Casual schema	Polite schema
	Present-positive	<i-adj root="">□</i-adj>	<i-adj root="">□□□□</i-adj>
	Present-negative	<i-adj root=""> □□</i-adj>	<i-adj root $>$ 00000 $<$ i-adj root $>$ 000000
	Past-positive	<i-adj root=""> □□</i-adj>	<i-adj root $>$ 00000
State-of-being	Past-negative	<i-adj root=""> □□□□</i-adj>	<i-adj root=""> 0000000 <i-adj root=""> 00000000</i-adj></i-adj>
State-of-being	□-positive	<i-adj root=""> □</i-adj>	-
	\Box -negative	$<$ i-adj root $>$ \square \square	-
	Conditional- positive	<i-adj root="">□□□</i-adj>	-
	Conditional- negative	<i-adj root=""> □□□□</i-adj>	-
	Present-positive	$<$ i-adj root $>$ $\square<$ noun $>$	-
Noun modifier	Present-negative		-
Noun modiller	Past-positive		-
	Past-negative		-
Adverb	-	<i-adj root=""></i-adj>	-

Exceptions:

-adjectives ending with When in any form other than present-positive, the root changes from DDDD to DDDD.

GA.1.4 Verbs

Table 16: Verb conjugation rules.

Class	Tense	Casual schema	Polite schema
	Present-positive	<*-end root>	<*-end root> [™] □□□□
-		$<* \setminus \{\Box\}$ -end root $> \stackrel{\circ\circ}{\bigcirc} \Box$	
	Negative	<□-end root>□ \Box	$<*$ -end root $>$ $\overset{\circ\circ}{\bigcirc}$ 0000
-		<□-end root>□□	
		<D-end root $>$ DD	
	Past	<D-end root $>$ DD	$<*$ -end root $>$ $\overset{\circ\circ}{\bigcirc}$ 0000
		$<\{\square,\square,\square\}\text{-end root}>\square\square$	
		$<\{\square,\square,\square\}\text{-end root}>\square\square$	
-		$<* \setminus \{\Box\}$ -end root $> \bigcirc^{\Box}$	
	Past-negative	<	$<*$ -end root $>$ $\overset{\circ\circ}{\bigcirc}$ 0000000
$\hfill\Box$ verb		0000	
-	(Stem)	-	<*-end root> [™]
-		<□-end root>□□	
		<D-end root $>$ DD	
	Te	<D-end root $>$ DD	-
		$<\{\square,\square,\square\}\text{-end root}>\square\square$	
		$<\{\square,\square,\square\}\text{-end root}>\square\square$	
-		$<* \setminus \{\Box\}$ -end root $> \stackrel{\circ\circ}{\bigcirc} \Box\Box$	
	Te-negative	<□-end root>□ □□	-
-	Progressive (conjugate DDD)	<v te="">00</v>	-

Class	Tense	Casual schema		Polite schema	
	Potential	<*-end root>Ö□		<*-end root>⊕□	00
	(conjugate $\Box\Box$)	•••			
	Conditional	<*-end root>◯□		-	
		$<* \setminus \{\Box\}$ -end root $>$) ooo	-	
	Conditional-negative	$<$ { \square }-end root> \square	I	-	
				-	
	Desiderative	<*-end root>◯□□			
	(conjugate i-adj)			-	
	Volitional	<*-end root>⊕□		<*-end root>⊕□	0000
	Imperative	<*-end root>		-	
	Imperative-negative	<*-end root>\(\)\(\)		-	
		<*-end root>		<*-end root>	
	Causative				000
	(conjugate DD	$<*$ -end root $>$ \bigcirc \square		<*-end root>Ö□	
	/conjugate □□)				
	Passive	<*-end root>◯□□		<∗-end root>⊖⊓	000
	(conjugate $\Box\Box$)				
		<*-end root>Ö□□□□		<*-end root>⊕⊓	00000
	Causative-passive				
	$(conjugate \square \square)$	<* \ {□}-end root>()000	<* \ {□}-end root 	>()00000
	D. 1.				
	Dictionary	<□-end root>□		<=-end root>===	
	Negative	<D-end root $>$ DD		<	
	Past	<D-end root $>$ D		<]
	Past-negative	<D-end root $>$ DDDD		<	3000
	(Stem)	-		<□-end root $>$	
	Te	$<\!\!\!\!\text{$\square$-end root}\!\!>\!\!\!\!\!\square$		-	
	Te-negative	<n-end root>		-	
	Progressive	<v te="">□□</v>		<v te="">0000</v>	
	(conjugate $\square\square\square$)				
	Potential	$<\!\!\text{o-end root}\!\!>\!\!\text{odd}$		<=-end root	30
	(conjugate $\square\square$)	•••		***	
	Conditional	$<\!\!\!\text{$\square$-end root}\!\!>\!\!\!\!\!\square\square$		-	
$\hfill\Box$ verb	Conditional-negative	<0-end root $>$ 000		-	
	Desiderative	<D-end root $>$ DD			
	(conjugate i-adj)			-	
	Volitional	$<\!\!\!\text{$\square$-end root}\!\!>\!\!\!\!\!\!\square\square$		<=-end root	30
	Imperative	<□-end root>□		-	
	Imperative-negative	<□-end root>□□		-	
		<□-end root>□□□		{<□-end root>□□□	300
	Causative				
	$(\text{conjugate }\square\square)$	$<\!\!\!\!\square\text{-end root}\!\!>\!\!\!\square\square$		<	
	/ conjugate 22)				
	Passive	$<\!\!\textsc{d-end}$ root $>\!\!\textsc{dd}$		<	00
	(conjugate $\Box\Box$)				
	Causative-passive	<n-end root>		<□-end root>□□□□	0000
	(conjugate □□)		0		0
	Dictionary	000	□□ □	00000	0000
exception	Negative	0000	000	00000	0000
verb	Past	000		000000	00000
	Past-negative	00000	00000	00000000	0000000
	(Stem)	-	_	00	

Class	Tense	Casual schema		Polite schema	
	Te	000	00	-	-
	Te-negative	00000	0000	-	-
	Progressive	<v te="">□□</v>	<v te="">□□</v>	<v te="">□□□□</v>	<v te="">0000</v>
	$(\text{conjugate }\square\square\square)$				
	Potential	0000	0000	000000	000000
	(conjugate $\square\square$)	•••			
	Conditional	0000	000	-	-
	Conditional-negative	00000	00000	-	-
	Desiderative	0000	000	=	-
	(conjugate i-adj)				О
	Volitional	0000	000	0000000	
	Imperative	000		-	-
	Imperative-negative	0000	000	-	-
	Causative	0000	° 0000	00000	00000
	$(\text{conjugate }\square\square)$		000	00000	00000
	/conjugate bb)				
	Passive	0000	0000	00000	00000
	(conjugate $\square\square$)	•••	•••		
	Causative-passive	000000	000000	0000000	0000000
	(conjugate $\square\square$)				

Basic rules/observations better expressed via prose:

- All present-negative forms end with $\square\square\square\square\square$.
- The conditional form for all verbs is the same: change the last sound to $\overset{\square}{\bigcirc}$ and attach \square .
- The conditional-negative forms all end in $\square\square\square\square\square\square\square\square$, which is obtained from replacing \square in $\square\square$ $\square\square\square$ with $\square\square\square$. This replacement rule also applies for \square -adjectives, replacing the trailing $\square\square\square\square$ for $\square\square\square\square\square\square\square\square$
- The volitional form for exception verbs kind of follow the rules of \square verbs: drop \square and replace with $\square\square$, but additionally there's also a "hint of past tense" in there, explaining the \square sound in \square
- The imperative-negative form for all verbs is the same, just attach \square to the dictionary form.

Exceptions:

- DD's past-positive form is DDD, not "DDD". Only DD uses DDD; all other DD verbs still use DDD.
- $\square\square$'s present-negative form is $\square\square$, not " $\square\square\square\square$ ".
- $\Box\Box\Box$'s imperative form is $\Box\Box$, not " $\Box\Box\Box$ ".

The following table is a condensed version, showing where the rules come from.

Table 17: Condensed verb conjugation rules. <v negative fragment>/<vnf> refers to <v negative> but dropping the trailing $\Box\Box\Box$ character; <v past fragment>/<vpf> refers to <v past> but dropping the trailing $\Box\Box\Box\Box\Box$ character.

Class	Tense	Casual schema	Polite schema
_	Present-positive	$<*$ -end root $>\bigcirc$	<stem>000</stem>
_		$<* \setminus \{\Box\}$ -end root $> \overset{\circ\circ}{\bigcirc} \Box$	
	Negative	<□-end root>□ \square	<stem>0000</stem>
□ verb -			
□ verb =	Past	<D-end root $>$ DD	
		<0-end root $>$ 00	Catarra DDDD
		<D-end root $>$ DD	<stem>0000</stem>
		$<\{\square,\square,\square\}\text{-end root}>\square\square$	

Class	Tense	Casual schema	Polite schema
		$<\{\Box,\Box,\Box\}$ -end root $>\Box\Box$	
	Past-negative	<v fragment="" negative="">□□□</v>	<stem>0000000</stem>
	(Stem)	-	<*-end root>Ĉ
	Te	<v fragment="" past="">□</v>	-
	Te-negative	<v fragment="" negative="">□□</v>	_
	Progressive	() nogative nagments 22	
	(conjugate DDD)	<v te="">□□</v>	-
	Potential (conjugate $\square\square$)	<*-end root>◯□ 	<*-end root>◯□□□
	Conditional	<*-end root>◯⊓	-
	Conditional-negative	<v fragment="" negative="">□□□</v>	-
	Desiderative	<stem>□□</stem>	
	(conjugate i-adj)		-
	Volitional	<*-end root>◯⊓	<*-end root>◯□□□□□
	Imperative	<*-end root>	-
	Imperative-negative	<v dict="">0</v>	-
	Causative	<*-end root>◯□□	<*-end root>◯□□□□
	(conjugate □□		
	/conjugate DD)	<*-end root>\bigcirc	<*-end root>_________________\\
	Passive	<*-end root>◯□□	<*-end root>◯□□□□
	$(conjugate \square \square)$		
		<*-end root>◯□□□□	<*-end root>◯□□□□□□□
	Causative-passive		
	$(\text{conjugate }\square\square)$	<* \ {□}-end root> ◯ □□□ 	<* \ {0}-end root>\\ 00000\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
	Dictionary	<□-end root>□	<stem>DDD</stem>
	Negative	<□-end root>□□	<stem>0000</stem>
	Past	<□-end root>□	<stem>0000</stem>
	Past-negative	<v fragment="" negative="">□□□</v>	<stem>000000</stem>
	(Stem)	-	<□-end root>
	Te	<v fragment="" past="">□</v>	_
	Te-negative	<v fragment="" negative="">□□□</v>	_
	Progressive	<v te="">DD</v>	<v te="">0000</v>
	(conjugate □□□)		
	Potential	<=-end root>===	<=-end root>====
	(conjugate □□)		
	Conditional	<0-end root $>$ 00	-
□ verb	Conditional-negative	<v fragment="" negative="">□□□</v>	-
	Desiderative	<stem>DD</stem>	
	(conjugate i-adj)		-
	Volitional	<D-end root $>$ DD	<=-end root>=====
	Imperative	<□-end root>□	-
	Imperative-negative	$<$ v dict $>$ \square	-
		<	{<□-end root>□□□□□
	Causative		
	$(\text{conjugate } \Box\Box)$	<D-end root $>$ DD	<0-end root>0000
	/ conjugate nu)		
	Passive	<D-end root $>$ DDD	<0-end root>0000
	(conjugate $\square\square$)		
	Causative-passive	<0-end root $>$ 0000	<
	(conjugate □□)		

Class	Tense	Casual schema		Polite schema	
	Dictionary	000	00	00000	0000
	Negative	0000		000000	
	Past	000		000000	
	Past-negative	0 <vnf>000</vnf>	<vnf>000</vnf>	00000000	0000000
	(Stem)	-	-	00	
	Te	$<$ vpf $>$ \square	$<$ vpf $>$ \square	-	-
	Te-negative	<vnf>00</vnf>	<vnf>00</vnf>	-	-
	Progressive	<v te="">□□</v>	<v te="">□□</v>	<v te="">□□□□</v>	<v te="">0000</v>
	(conjugate $\square\square\square)$				
	Potential	0000		000000	000000
	$(\text{conjugate }\square\square)$				
	Conditional	0000		-	-
exception verb	Conditional-negative	<vnf>000</vnf>	<vnf>000</vnf>	-	-
verb	Desiderative	□ <stem>□□</stem>	<stem>□□</stem>		
	(conjugate i-adj)			-	-
	Volitional	0000	000	0000000	000000
	Imperative	000		-	-
	Imperative-negative	0000	000	-	-
	Causative	0000	0000	00000	00000
	(conjugate □□				 n
	(conjugate □□)			000000	00000
	/ conjugate uu)				
	Passive	0000	0000	000000	000000
	(conjugate $\square\square$)				
	Causative-passive	00000	° 00000	0000000	0000000
	(conjugate $\square\square$)				

GA.2 Particle and schema summary

Table 18: All particles seen so far.

Particle	Particle name/purpose	Schemae	Sections
0	introductory topic marker	<main new="" topic="">□</main>	§G2.2.2, §G2.5
	inclusive topic marker	$<$ inclusive topic $>$ \square	§G2.5
	subject marker	<subj>□</subj>	§G2.5
	direct object marker	$<$ obj $>$ \square $<$ v transitive $>$	§G2.9
	location-traversed marker	<location>\square<motion (intransitive="" ok)="" v=""></motion></location>	§G2.9
	target marker	$<\!$	§G2.9
	location-target marker	$<\!\!\operatorname{location}>\!\!\operatorname{\square}[\square/\square]\!<\!\!\operatorname{v}>$	§G2.9
	time-target marker	$<$ time $>$ [\square [\square / \square] $<$ v $>$	§G2.9
	direction marker	$<\!\!\mathrm{direction}\!\!>\!\!\square[\square/\square]\!<\!\!\mathrm{v}\!\!>$	§G2.9
	context marker		§G2.9
00	from-marker	<from>□□</from>	§G2.9
00	to-marker	<to>0</to>	§G2.9
	together-with marker	<nn>0<v></v></nn>	§G2.10.4
	noun exclusive listing connector	(<nn>□)*<nn></nn></nn>	§G2.10.4
00/0	noun vague listing connector	$(<\!\mathrm{nn}\!>\!\{\square\square/\square\})^*\!<\!\mathrm{nn}\!>$	§G2.10.4
	reason vague listing connector	$(*)$ (<reason>\square)*<reason></reason></reason>	§G3.7
00[00]	adj/verb vague listing marker	$(<$ past adj/v> \square \square)* $<$ past adj/v> \square \square	§G3.8
	complaining listing marker	${\rm \{<\!nn/na-adj>\square\square/<\!v>\square\}^*}$	§G2.10.6

Particle	Particle name/purpose	Schemae	Sections
		_ <quote><v></v></quote>	§G2.1,
	quote marker	<quote>=<v></v></quote>	§G3.18.1,
			§G3.18.2
00	quote marker (abbreviation)	<quote>□□</quote>	§G2.1, §G3.18.1,
00	quote marker (abbreviation)	<quote>uu</quote>	§G3.18.2
00	generic verb (abbreviation)	<quote>□□</quote>	§G3.19.2
	generic verb (abbreviation)	□ <v>□<sentence></sentence></v>	§G3.19.2
]	label marker	 	§G2.10.4
_	direction-label marker	<pre><direction>□□[<labelled nn="">]</labelled></direction></pre>	§G2.10.5
	from-label marker	<from>DDD[<abelled nn="">]</abelled></from>	§G2.10.5
	only-label marker	<nly>DDD[<labelled nn="">]</labelled></nly>	§G2.10.5
	quote-label marker	<pre><quote>□□[<labelled nn="">]</labelled></quote></pre>	§G2.10.5
	-		
	regarding-label marker subjective label marker	<pre><regarding>00000[<labelled nn="">]</labelled></regarding></pre>	§G2.10.5
	·	<na-adj label="">[<labelled nn="">]</labelled></na-adj>	
(0)	objective label marker	<na-adj label="">□<labelled></labelled></na-adj>	§G2.10.7
	mood marker	<nn>000</nn>	§G2.10.7
	nominaliser/generic noun	(*) <adj-phrase v-phrase=""> [□,□,□□]</adj-phrase>	$\SG2.10.4$
	enthusiastic extraordinary	<pre><positive adj="">□</positive></pre> <pre><adj>□□□□□□</adj></pre>	§G2.10.6
0/0	explanatory ender	(*) <sentence>{\pi[\pi/\pi\pi], \pi\pi, \pi\pi\]</sentence>	§G2.10.4
J/ U	explanatory ender	(*) <reason>{□□/□□}<result></result></reason>	302.10.1
00/00	non-causal explanation/reason marker	0{00/00} <result></result>	§G3.6.3
,	,	(*) <reason>{0[0/00]/00/000}</reason>	
		$(*) < {\rm direct\ cause} > \square \square < {\rm result} >$	
00	direct cause marker	DDD <result></result>	§G3.6.3
		(*) <direct cause="">□□ [□□]</direct>	
0000	just-remembered marker	<v dict="">000</v>	§G2.10.4
00000	prohibition marker (slang)	<v dict="">0{0000/0000000}</v>	§G2.10.4
0000000	feeling regret marker (slang)	<v dict="">aaaaaaa</v>	§G2.10.4
	expected consequence marker	$(*) < predicate > \square < statement >$	§G3.15.3
	seeking agreement ender	<sentence>□</sentence>	§G2.12
	presenting new information ender	<sentence>□</sentence>	§G2.12
00	despite marker	$(*) < despite > \square\square\square < sentence >$	§G3.6.4
00/0	general connector	$(*) < s1 > {\Box\Box/\Box} < s2 >$	§G3.6.5
	contradiction connector	(*) $\langle s1 \rangle \{\Box\Box\Box\} \langle contradicting \ s2 \rangle$	§G3.6.5
]	casual question ender	<sentence>□</sentence>	§G2.10.4
_	polite question ender	<sentence>□</sentence>	§G3.4.1
	casual binary/sarcastic question ender	<sentence>□</sentence>	§G3.4.1
	-, -	<pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>	
	whether-or-not question marker	<pre><positive v="">0000</positive></pre>	§G3.4.4
	But		
000	only? approximately? $<$ v te $>$ just (time)?		
000	${\it approximately/about/around}$		
	than		
	nothing but/no more than		
	while		
	despite		

Also (see takoboto): מממממ

(*) Important notes:

• For □□::direct cause marker, if a non-conjugated na-adj/noun is used at the end of <direct cause>, □□□ must be used instead of □□ for disambiguating with the from-marker (e.g. □□ □□).

For $\Box\Box/\Box$::general connector and $\Box\Box/\Box$::contradiction connector, if a non-conjugated na-adj/ noun is used at the end of $\langle s1 \rangle$, $\Box\Box\Box/\Box\Box$ must be used instead (e.g. $\Box\Box$ $\{\Box\Box/\Box\}$).

For \square ::reason vague listing connector, if a non-conjugated na-adj/noun is used at the end of $\langle \text{reason} \rangle$, \square must be used instead (e.g. \square \square).

• For □::nominaliser/generic noun, if a non-conjugated na-adj is used as the <adj-phrase>, the following □ particle must be used for disambiguating with the label marker (e.g. □□ □...).

For \square ::explanatory ender:

- ▶ if a non-conjugated na-adj/noun is used at the end of <sentence>, the following □ particle must be used for disambiguating with the label marker (e.g. □□ □□□□).
- ▶ polite form ($\Box\Box\Box\Box$ for verbs and $\Box\Box\Box\Box$ for \Box -adjectives) cannot be used; used $\Box\Box\Box\Box/\Box\Box\Box\Box$ instead.

For $\square\square$::non-causal explanation/reason marker, if a non-conjugated na-adj/noun is used at the end of <reason>, $\square\square\square$ is used instead for disambiguating with the label marker (e.g. $\square\square$ $\square\square$).

For $\square\square$::despite marker, if a non-conjugated na-adj/noun is used as the end of <despite>, the following \square particle must be used (e.g. $\square\square$ $\square\square$).

Table 19: Other schemae seen so far. <v te fragment> refers to <v te> but dropping the trailing $\square\square\square$ character; <v negative fragment> refers to <v negative> but dropping the trailing $\square\square\square$ character.

Schema (short)	Schema name/purpose	Schemae	Sections
000/000	to go/come and then do	<v stem="">000/000</v>	§G3.1
000/000	to go/come for the purpose of doing	<v stem="">000/000</v>	§G3.1
000	resultant state (implicit preparation)	<v te="">□□</v>	§G3.10
000/00	completed action (explicit preparation)	<v te $>$ 00 $/$ <v fragment<math="" te="">>00</v>	§G3.11
000	spatial/temporal do and go	<v te="">□□</v>	§G3.12
000	spatial/temporal do and come	<v te="">□□</v>	§G3.12
000000	given opportunity to do	<v>{00/0}0000</v>	§G3.13.1
0000	potential to exist	$<$ nn $>{0/0/etc.}0000$	§G3.13.2
000	to make become	{ <na-adj>000 <i-adj root="">000}</i-adj></na-adj>	§G3.14
	to decide on	<nn>000</nn>	§G3.14
00000	to decide to do	<v>00000</v>	§G3.14
00000	to try to do	<v>00000</v>	§G3.14
000	to become	{ <na-adj>000 <i-adj root="">000 <nn>000}</nn></i-adj></na-adj>	§G3.14
00000	to have been arranged/decided to do	<v>00000</v>	§G3.14
00000	to change state of doing	<v>00000</v>	§G3.14
	to change state of feasibility	<v potential="">DDDDD</v>	§G3.14
00[0]	contextual conditional	$<\!\!\operatorname{context}>\square\square[\square]\square\!<\!\!\operatorname{statement}>$	§G3.15.4; AUX
-	prohibition		§G3.16.1
-	${\rm requirement}$		§G3.16.2
=	permission	{ <v te="">0{00/0000/0000} <v te="">00}</v></v>	§G3.16.3
-	suggestion	$<\!\!\mathrm{v}$ conditional>/< $\!\!\mathrm{v}$ past conditional> $\!\!\square\square$	§G3.17.4
000	definition connector	$<\!$	§G3.19.1

Schema (short)	Schema name/purpose	Schemae	Sections
0000	re-definition connector	<to be="" redefined<br="">>$\square\square\square\square$ redefinition></to>	§G3.19.3
000{0/00}	generic verb	$<\!\!\mathrm{quote}\!\!>\!\!\mathrm{DDD}\{\Box/\Box\Box\}$	§G3.19.2
000	trialling something	<v te="">□□</v>	§G3.20.1
000	attempting something	$<$ v volitional $>$ 0 $\{$ 00 $/<$ v $>\}$	§G3.20.2
0000	giving a favour (first person)	<v te="">□□□</v>	§G3.21.1
0000	giving a favour (second person)	<v te="">□□□</v>	§G3.21.1
0000	receiving a favour	<v te="">□□□</v>	§G3.21.2
0000/00000	soliciting a favour	$< v te > {000/0000}$	§G3.21.3
000000/0	honorific request	{ <v te="">=00000 <v te="">}</v></v>	§G3.22.1
000000	casual request	<v te="">000000</v>	§G3.22.2
000/0	polite firm request	$ \begin{aligned} & \{<\!v \ stem> \tt OOO \\ & <\!v \ stem> \tt O\} \end{aligned} $	§G3.22.3

GB Phrases

```
• \Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box (How long is the wait?)
• 0000
• DDDDDDD (Are you making fun of me?)
• DDDD (Hmph/blow)
• \Box\Box\Box\Box\Box\Box\Box\Box(Early in the morning.)
• DDDDDDDDDDD (Starting a new day full of energy!)
• DDDDDDDD (I don't want to get up already!) DDDDDDDDDD(Wakey, wakey, Ui-chan!) DDD (No!)
 • \Box\Box\Box(\Box\Box\Box\Box)\Box\Box\Box\Box\Box\Box (This is when we normally get into bed.)
• \Box\Box\Box\Box\Box\Box\Box(And here we are!)
• DDDDDDDDD (You heard her, everyone.)

    Conversation:

 00: 00000
  00000: 00000
 \verb"OO: \verb"OOOO"(Glad you could make it.)"
  00000: 0000
 00000: 000 (Yeah?)
 soon; □: meal)
  00000: 000
  00: 0000000
  по: попопопопопопопопо (I've been interested about you, Miyuki.)
  00000: 00000 (Is that so?)
  00: 000
  םםםםם: םםםםםםםםםם(Yeah, dinner's good, let's go!)
  □□: □□□ (Really?)
 00000: 00000
  00: 00000
  DDDDD: DDDDDDDDDDD(No thank YOU.)
  00: 000000000
```

00000: 00000000

GB.1 I don't know Japanese

See the main reel on [IG].

- $\Box\Box\Box\Box\Box\Box\Box\Box\Box$ (I cannot speak Japanese.)
- is extremely difficult so, I can't understand what you're saying. I'm afraid but, would you possibly speak in English? Thank you in advance.)

$\mathbf{S}\mathbf{A}$

SA.1

Some general notes:

- The \square character is rarely used by itself, but suffixed to another character to add the "n" sound.

SA.1.1 Mnemonics

Table 20: $\square\square\square$ mnemonic table. †Particle romanisations.

	Hepburn	Keyboard	M
	romanisation	command	Mnemonic
	a	a	"A" shape
	i	i	\underline{ee} l
	u	u	"u" shape
	e	e	$\underline{\mathbf{e}}\mathbf{xotic}$ swan
	O	o	double "o" shape
	ka	ka	
	ga	ga	
	ki	ki	<u>ke</u> y
	kya	kya	
	kyu	kyu	
	kyo	kyo	
	gi	gi	
	gya	gya	
	gyu	gyu	
	gyo	gyo	
	ku	ku	bird <u>ku</u> -ku
	gu	gu	
	ke	ke	$\underline{\text{ke}}$ lp (loose kelp)
	ge	ge	
	ko	ko	<u>co</u> -habiting worms
	go	go	
	sa	sa	$\underline{\mathrm{sa}}\mathrm{lsa}$ (two hand stir) / NOT "5"
	za	za	
	shi	si/shi	sheep; shepherd's crook
	sha	sha	
	shu	shu	
	sho	sho	
	ji	zi/ji	

	Hepburn	Keyboard	M
	romanisation	command	Mnemonic
	${ m ja}$	jya/ ja	
	ju	jyu/ju	
	jo	${ m jyo/jo}$	
	su	su	$\underline{\mathrm{sw}}$ ing
	zu	zu	
	se	se	
	ze	ze	
	so	so	\underline{so} da / "sword" shape
	ZO	zo	
	${ m ta}$	ta	"ta" shape
	da	da	
	chi	ti/chi	the "5"
	cha	cha	
	chu	chu	
	cho	cho	
	ji	di	
	$\mathbf{j}\mathrm{a}$	dya	
	ju	dyu	
	jo	dyo	
	tsu	tu/tsu	<u>tsu</u> nami
	zu	du	
	te	te	<u>te</u> lescope
	de	de	
	to	to	toe with splinter
	do	do	
	na	na	<u>nu</u> n praying to cross
	ni	ni	<u>nee</u> dle
	nya	nya	
	nyu	nyu	
	nyo	nyo	
	nu	nu	$\underline{\text{noo}}$ dles with tail
	ne	ne	$\square\square$ (<u>ne</u> ko) with tail
	no	no	pig <u>no</u> se
	$\mathrm{ha/wa^\dagger}$	ha	"Ha" shape
	ba	ba	

	Hepburn	Keyboard	M	
	romanisation	command	Mnemonic	
	pa	pa		
	hi	hi	$\underline{\text{hee}}$ l / $\underline{\text{he}}$ has a big nose	
	hya	hya		
	hyu	hyu		
	hyo	hyo		
	bi	bi		
	bya	bya		
	byu	byu		
	byo	byo		
	pi	pi		
	pya	pya		
	pyu	pyu		
	pyo	pyo		
	fu	hu/fu	Mount <u>Fu</u> ji	
	bu	bu		
	pu	pu		
	${ m he/e^\dagger}$	he	$\underline{\text{he}}\text{adband}$ / Mount St. $\underline{\text{He}}\text{lens}$	
	be	be		
	pe	pe		
	ho	ho	mutated santa says $\underline{\text{ho}}$ ho ho	
	bo	bo		
	po	po		
	ma	ma	mutated mom with snake tail	
	$_{ m mi}$	mi	$\underline{\text{me}}$ just turned 21	
	mya	mya		
	myu	myu		
	myo	myo		
	mu	mu	cow says <u>moo</u>	
	me	me	eye shape without tail	
	mo	mo	$\underline{\mathbf{mo}}$ re worms to catch $\underline{\mathbf{mo}}$ re fish	
	ya	ya	<u>ya</u> cht with anchor down	
	yu	yu	$\underline{\mathbf{u}}$ -tensils	
	yo	yo	"yo" shape	
	ra	ra	<u>ra</u> bbit	
	ri	ri	reeds	

	Hepburn romanisation	Keyboard command	Mnemonic
00	rya	rya	
	ryu	ryu	
	ryo	ryo	
	ru	ru	weird $\underline{\text{rou}}$ te with tail
	re	re	$\underline{\mathrm{re}}\mathrm{tching}$ guy kneeled down
	ro	ro	${\rm normal}\ \underline{\rm ro}{\rm ad}\ {\bf without}\ {\bf tail}$
	wa	wa	$\underline{\text{wa}}$ llaby / $\underline{\text{wa}}$ sp
	$\mathrm{wo/o^\dagger}$	wo	$\underline{\text{wo}}$ ah the water is cold
	nn	nn	"n" shape
	?	la/ xa	
	?	li/xi	
	?	lu/xu	
	?	le/ xe	
	?	lo/ xo	
	?	lya/ xya	
	?	lyu/ xyu	
	?	lyo/ xyo	
	+1>	$ltu/ltsu/\frac{xtsu}{repeat}$ >	

SA.2

Some general notes:

• Usage of the \square symbol to denote word boundaries is completely optional.

SA.2.1 Mnemonics

Table 21: □□□ mnemonic table. Some entries were taken from Wikipedia (Hepburn Romanisation) but only the orange and blue ones are taken, since the beige and purple ones are regarded as unofficial (by me).

	,				
		Hepburn romanisation	Keyboard command	Mnemonic	
		a	a	"A" shape	
		i	i	$\underline{\mathbf{e}}$ agle perched	
		ye	ye		
		u	u	same shape as \square	
00		wi	wi		
00		we	we		
		WO	uxo		

	Hepburn	Keyboard	
	romanisation	command	Mnemonic
	vu	vu	
	va	va	
	vi	vi	
	vyu	vyu	
	ve	ve	
	vo	vo	
	e	e	engineer bar
	О	o	opera talent (\square) singing
	ka	ka	same shape as \square
	ga	ga	
	ki	ki	same shape as \square
	kya	kya	
	kyu	kyu	
	kyo	kyo	
	${ m gi}$	gi	
	gya	gya	
	gyu	gyu	
	gyo	gyo	
	ku	ku	<u>coo</u> k's hat
	kwa	kwa	
	kwi	kwi	
	kwe	kwe	
	kwo	kwo	
	gu	gu	
	gwa	gwa	
	ke	ke	"k" shape
	ge	ge	
	ko	ko	broken \square (CN) / two $\underline{\mathrm{co}}\mathrm{rners}$
	go	go	
	sa	sa	$\underline{\text{sa}}$ rdines and $\underline{\text{sa}}$ lmon (bigger)
	za	za	
	shi	si/shi	same direction as \square
	sha	sha	
	shu	shu	
00	she	she	

		Hepburn romanisation	Keyboard command	Mnemonic
		sho	sho	
		ji	zi/ji	
		ja ;,,	jya/ja	
00		ju	jyu/ ju	
00		je je	jye/ je	
		jo	jyo/jo	guporman
		su	su	<u>su</u> perman
		zu	zu	gama ghana ag 🏻
		se	se	same shape as \square
	⊠ ⊠	ze	ze	garring poodles
		SO	so	<u>se</u> wing needles
		zo ta	ZO	<u>ti</u> dal wave
		da	ta da	<u>u</u> dai wave
				shoon / 🗓
		chi	ti/chi cha	$\underline{\mathrm{chee}}\mathrm{r}$ / \Box
00		cha		
00		chu	chu	
00		che	che cho	
00		cho ::	di	
		ji :a		
00		ja :	dya	
00		ju :-	dyu	
	⊠X ⊠	jo	dyo	game direction of B
		tsu	tu/tsu	same direction as □
00		tsa	tsa	Italia "z"
00		tsi	tsi	Italia "z"
00		tse	tse	Italia "z"
00	⊠X M	tso	tso	Italia "z"
_		zu	du	. 1 1 1
		te	te	<u>te</u> lephone pole
00		ti	texi	"par <u>t</u> y"
		tyu	texyu	
		de	de	// 1.22
		di	dexi	$"can\underline{d}y"$
		dyu	dexyu	

	Hepburn	 Keyboard		
	romanisation	command	Mnemonic	
	to	to	totem pole	
	${f tu}$	toxu	"two"	
	do	do		
	$\mathrm{d}\mathrm{u}$	dowu	"dew"	
	na	na	<u>na</u> rwhal	
	ni	ni	same shape as \square	
	nya	nya		
	nyu	nyu		
	nyo	nyo		
	nu	nu	$\underline{\text{noo}}$ dles with chopsticks	
	ne	ne	<u>ne</u> ckerchief	
	no	no	long <u>no</u> se	
	ha	ha	\Box / \Box (CN)	
	ba	ba		
	pa	pa		
	hi	hi	smile <u>he</u> he	
	hya	hya		
	hyu	hyu		
	hyo	hyo		
	bi	bi		
	bya	bya		
	byu	byu		
	byo	byo		
	pi	pi		
	pya	pya		
	pyu	pyu		
	pyo	pyo		
	fu	hu/fu	$\underline{\mathrm{fl}}\mathrm{ag}$	
	fa	fa		
	fi	fi		
	fyu	fyu		
	fe	fe		
	fo	fo		
	bu	bu		
	pu	pu		

Hepburn		Keyboard		
	romanisation	command	Mnemonic	
	he	he	same shape as \square	
	be	be		
	pe	pe		
	ho	ho	<u>ho</u> ly cross	
	bo	bo		
	po	po		
	ma	ma	<u>ma</u> th angles	
	$_{ m mi}$	mi	<u>mi</u> ssiles	
	mya	mya		
	myu	myu		
	myo	myo		
	mu	mu	cow face, says $\underline{\text{moo}}$	
	me	me	Arlecchino's eyes (\square)	
	mo	mo	same shape as \square	
	ya	ya	same shape as \square	
	yu	yu	$\underline{\mathrm{u}}\text{-}\mathrm{turn}$	
	yo	yo	<u>yog</u> a pose	
	ra	ra	<u>ra</u> ptor	
	ri	ri	reeds	
	rya	rya		
	ryu	ryu		
	ryo	ryo		
	ru	ru	tree <u>roo</u> ts	
	re	re	<u>re</u> d hair / right side of \square	
	ro	ro	cyclic <u>ro</u> ad	
	wa	wa	watermelon slice	
	WO	wo	\underline{o} atmeal bowl	
	nn	nn	N/A	
	?	la/ xa		
	?	li/xi		
	?	lu/xu		
	?	le/xe		
	?	lo/xo		
	?	lya/ xya		
	?	lyu/ xyu		

	Hepburn romanisation	Keyboard command	Mnemonic
	?	lyo/ xyo	
	<+1	– key	
	+1>	ltu/ltsu/xtsu/repeat >	

SA.3 Summary

Table 22: $\square\square$ summary table. †Particle romanisation applies only for $\square\square\square$

		Hepburn	Keyboard
		romanisation	command
		a	a
		i	i
		ye	ye
		u	u
		wi	wi
		we	we
		wo	uxo
		vu	vu
		va	va
		vi	vi
		vyu	vyu
		ve	ve
		vo	vo
		e	e
		O	o
		ka	ka
		ga	ga
		ki	ki
		kya	kya
		kyu	kyu
		kyo	kyo
		gi	gi
		gya	gya
		gyu	gyu
		gyo	gyo
		ku	ku
		kwa	kwa

		Hepburn	Keyboard
		romanisation	command
	XX	kwi	kwi
		kwe	kwe
		kwo	kwo
		gu	gu
		gwa	gwa
		ke	ke
		ge	ge
		ko	ko
		go	go
		sa	sa
		za	za
		shi	\sin/shi
		sha	sha
		shu	shu
		she	she
		sho	sho
		ji	$\mathrm{zi}/\mathrm{j}\mathrm{i}$
		\mathbf{j} a	jya/ ja
		ju	jyu $/\mathbf{ju}$
		je	jye/ je
		jo	jyo/ jo
		su	su
		zu	zu
		se	se
		ze	ze
		SO	so
		ZO	ZO
		ta	ta
		da	da
		chi	ti/chi
		cha	cha
		chu	chu
		che	che
		cho	cho
		ji	di

		Hepburn	 Keyboard
		romanisation	command
00		ja	dya
		ju	dyu
		jo	dyo
		tsu	tu/tsu
		tsa	tsa
		tsi	tsi
		tse	tse
		tso	tso
		zu	du
		te	te
		ti	texi
		tyu	texyu
		de	de
		di	dexi
		dyu	dexyu
		to	to
		${ m tu}$	toxu
		do	do
		du	dowu
		na	na
		ni	ni
		nya	nya
		nyu	nyu
		nyo	nyo
		nu	nu
		ne	ne
		no	no
		ha	ha
		ba	ba
		pa	pa
		hi	hi
		hya	hya
		hyu	hyu
		hyo	hyo
		bi	bi

		Hepburn	Keyboard
		romanisation	command
		bya	bya
		byu	byu
		byo	byo
		pi	pi
		pya	pya
		pyu	pyu
		pyo	pyo
		fu	hu/fu
		fa	fa
		fi	fi
		fyu	fyu
		fe	fe
		fo	fo
		bu	bu
		pu	pu
		he	he
		be	be
		pe	pe
		ho	ho
		bo	bo
		po	po
		ma	ma
		$_{ m mi}$	mi
		mya	mya
		myu	myu
		myo	myo
		mu	mu
		me	me
		mo	mo
		ya	ya
		yu	yu
		yo	yo
		ra	ra
		ri	ri
		rya	rya

		Hepburn romanisation	Keyboard command
		ryu	ryu
		ryo	ryo
		ru	ru
		re	re
		ro	ro
		wa	wa
		WO	wo
		nn	nn
		?	la/ xa
		?	li/xi
		?	lu/xu
		?	le/xe
		?	lo/xo
		?	lya/ xya
		?	lyu/ xyu
		?	lyo/ xyo
		<+1	– key
×		+1>	ltu/ltsu/xtsu/repeat >

SB Basic nouns

SB.1 Numbers

Table 23: Basic nouns: numbers.

Name	Meaning	Notes
	zero	$[NHK]$ also: $\Box\Box/$ (with $\Box\Box$ numerals)
	one	
المارات	two	
	three	
• 0/0/0	four	[HN] \Box is obsolete; \Box only when counting up/compound □□/banks
	five	\Box is obsolete
	six	$\stackrel{\circ\circ}{\square}$ is obsolete
•	seven	[HN] is obsolete
00 00 00	eight	\Box is obsolete
	nine	□ is obsolete
	ten	
	eleven	
	twelve	
	thirteen	
00000 00000	fourteen	
	fifteen	
	sixteen	
	seventeen	
	eighteen	
	nineteen	
	twenty	
	thirty	
	fourty	
	fifty	
	sixty	
	seventy	
	eighty	
	ninety	
	hundred	
0.000 , 0.000 , 0.000	two hundred	
	three hundred	
	four hundred	
	five hundred	
	six hundred	
• 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	seven hundred eight hundred	
	nine hundred	
• 0/00/000/000	thousand	
	two thousand	
• 00/00/0000/0000	three thousand	
	four thousand	

Name	Meaning	Notes
00/00/0000/000	five thousand	
	six thousand	
	seven thousand	
• 00/00/0000/0000	eight thousand	
	nine thousand	
	ten thousand	
	hundred thousand	
	million	
• 000000000000000000000000000000000000	ten million	
	hundred million	
	trillion	

SB.2 Counting (generic):

Table 24: Basic nouns: counting (generic).

Name	Meaning	Notes
	how many?	(□□)
	one item	
	two items	
	three items	
	four items	
00 00	five items	
00 00	six items	
	seven items	
	eight items	
	nine items	
	ten items	
00 0	all/entire/whole/altogether	also an adverb
0 000	and above	SUFFIX, also an expression
	and below/subpar	SUFFIX
	next	

SB.3 Counting people:

Table 25: Basic nouns: counting people.

Name	Meaning	Notes
0000	how many people?	
• □□	one person; being alone/single	
• 00	two people	
0000	three people	
• 00	four people	
0 00 0 0	five people	
0000	six people	
	seven people; former preferred for clarity Actually, we	
• DD/DD	don't talk about □□right? See grammar book when you	[HN1], [HN2]
	get there	

Name	Meaning	Notes
0000	eight people	
00000	nine people	
00000	ten people	
	hundred people	
	thousand people	
000000	ten thousand people	
0000	together	

SB.4 Counting bus/train stations:

Table 26: Basic nouns: counting bus/train stations.

Name	Meaning	Notes
0000	how many stations?	
• 🔲	one station	
0000 • 🔲	two stations	
0000	three stations	
0000	four stations	
	five stations	
0000	six stations	
0000	seven stations	
0000 D D	eight stations	
00000	nine stations	
	ten stations	
	hundred stations	
	thousand stations	
000000	ten thousand stations	

SB.5 Counting age:

 \square may be used as a simpler substitute for \square only in handwriting, but note that \square is technically incorrect as it does not mean age [HN].

Table 27: Basic nouns: counting age.

Name	Meaning	Notes
0000	how old?	
• □□□□	less than one year old	e.g. 000 00; [NHK]
• □□	one year old	
0.00	two year old	
0000	three years old	
	four years old	
0.00	five years old	
	six years old	
0000	seven years old	
• DD	eight years old	
00000	nine years old	
• DDD	ten years old	□□□□ also possible?
	twenty years old	the only exception, to do with coming-of-age
	hundred years old	

Name	Meaning	Notes
	thousand years old	
000000	ten thousand years old	

SB.6 Counting thin/flat things:

Tofugu: TO READ

Table 28: Basic nouns: counting thin/flat things.

Name	Meaning	Notes
0000	how many sheets/thin or flat things?	
0000	one sheet/thin or flat thing	
o oo	two sheets/thin or flat things	
0000 	three sheets/thin or flat things	
0000	four sheets/thin or flat things	
o oo	five sheets/thin or flat things	
0000 0	six sheets/thin or flat things	
0000 0	seven sheets/thin or flat things	
0000 	eight sheets/thin or flat things	
00000	nine sheets/thin or flat things	
00000	ten sheets/thin or flat things	
	hundred sheets/thin or flat things	
	thousand sheets/thin or flat things	
	ten thousand sheets/thin or flat things	

SB.7 Counting thin long things (bottles):

Tofugu: TO READ

bottles/trains/buses/books/films/phone calls

Table 29: Basic nouns: counting thin long things (bottles).

Name	Meaning	Notes
• 🔲	how many thin long things?	
0000 ● □□	one thin long thing	
o oo 	two thin long things	
	three thin long things	
0000	four thin long things	
a ao DD	five thin long things	
0000 •	six thin long things	
0000 0 0	seven thin long things	
0000 •	eight thin long things	
00000	nine thin long things	
00000	ten thin long things	□□□□ also possible?
00000 • 0000	one hundred thin long things	•
	one thousand thin long things	
• □□□	ten thousand thin long things	

SB.8 Counting drinks (cups/glasses):

Table 30: Basic nouns: counting drinks (cups/glasses).

Name	Meaning	Notes
• 000	how many drinks/cups/glasses?	
• DD	one drink/cup/glass	
□ □□	two drinks/cups/glasses	
• 0000	three drinks/cups/glasses	
0000	four drinks/cups/glasses	
0.00	five drinks/cups/glasses	
• 0000	six drinks/cups/glasses	
0000	seven drinks/cups/glasses	
0000 • DD	eight drinks/cups/glasses	
00000	nine drinks/cups/glasses	
	ten drinks/cups/glasses	□□□□ also possible?
 	hundred drinks/cups/glasses	
□ □□□□□	thousand drinks/cups/glasses	
00000	ten thousand drinks/cups/glasses	

SB.9 Counting machines/vehicles:

Tofugu: TO READ

Table 31: Basic nouns: counting machines/vehicles.

Name	Meaning	Notes	
000	how many machines?		
0000	one machine		
o oo 	two machines		
0000	three machines		
0000	four machines		
	five machines		
0000	six machines		
0000	seven machines		
0000	eight machines		
00000	nine machines		
00000	ten machines		
00000	hundred machines		
	thousand machines		
00000	ten thousand machines		

SB.10 Counting books:

Table 32: Basic nouns: counting books.

Name	Meaning	Notes
0000 D D	how many books?	
	one book	
o oo	two books	
0000	three books	
0000 	four books	
o oo 	five books	
0000	six books	

Name	Meaning	Notes
0000	seven books	
• □□	eight books	
00000	nine books	
• 0000	ten books	□□□□ also possible?
	hundred books	
	thousand books	
000000	ten thousand books	

SB.11 Counting clothes:

Table 33: Basic nouns: counting clothes.

Name	Meaning	Notes
00000	how many dresses?	
• <u> </u>	one dress	
0 000	two dresses	
00000	three dresses	
00000	four dresses	
a aaa	five dresses	
00000	six dresses	
00000	seven dresses	
• 🗆 🗅	eight dresses	
000000	nine dresses	
000000 • • • • • • • • • • • • • • • • •	ten dresses	
000000	hundred dresses	
00000	thousand dresses	
	ten thousand dresses	

SB.12 Counting small things:

Table 34: Basic nouns: counting small things.

	Name	Meaning	Notes
		how many small things?	
•	00 0	one small thing	
		two small things	
	ao a 	three small things	
	ao a 	four small things	
		five small things	
•	oo o □□	six small things	
	aa a	seven small things	
•		eight small things	□□ is casual; [HN]
	000 0	nine small things	
•	0000 000	ten small things	
•		hundred small things	
		thousand small things	
	0000 D	ten thousand small things	
	individual	e.g. 00000000000000, like CN's 00	

SB.13 Counting shoes and socks:

Table 35: Basic nouns: Nouns: counting shoes and socks.

Name	Meaning	Notes
• 000	how many pairs of shoes/socks?	
• 🔲	one pair of shoes/socks	
	two pairs of shoes/socks	
0000	three pairs of shoes/socks	[HN]
0000	four pairs of shoes/socks	
	five pairs of shoes/socks	
0000	six pairs of shoes/socks	
0000	seven pairs of shoes/socks	
• □□	eight pairs of shoes/socks	
00000	nine pairs of shoes/socks	
• □□□	ten pairs of shoes/socks	
00000	hundred pairs of shoes/socks	also an organism
0000	thousand pairs of shoes/socks	
00000	ten thousand pairs of shoes/socks	

SB.14 Counting houses:

UNSURE TERRITORY, exceptions of exceptions popping out!

Table 36: Basic nouns: .

	Name	Meaning	Notes
•	0000	how many houses?	exception ² [myg]
•	0000	one house	
	0 00	two houses	
•	0000 DD	three houses	exception ² PREFERENCE? [myg]
		four houses	
	0.00	five houses	
•	0000 0	six houses	
	0000 0	seven houses	
•		eight houses	may be casual; [HN]
	00000	nine houses	
•	00000	ten houses	
•	00000	hundred houses	
•		thousand houses	exception ² ?
	00000	ten thousand houses	?

SB.15 Counting floors:

Table 37: Basic nouns: counting floors.

Name	Meaning	Notes
		$\stackrel{\scriptscriptstyle{\infty}}{\scriptscriptstyle{\square}}$ is special and can choose
• 0000 0000 • 00/00	which floor?	to rendaku, prefer first for
		uniformity; [myg], [TFG]
0000	first floor (ground floor)	
	mst noor (ground noor)	
0 00	second floor	

	Name	Meaning	Notes
	0000 0000		\Box is special and can choose
•	00/00	third floor	to rendaku, prefer first for
			uniformity; [myg], [TFG]
	0000 00	fourth floor	
		fifth floor	
•	0000	sixth floor	
	0000 D D	seventh floor	
•		eighth floor	is informal; [HN]
	00000	nine floor	
•		tenth floor	[HN]
•		hundredth floor	
		thousandth floor	
		ten thousandth floor	

SB.16 Counting locations:

 $\square\square$ is sometimes written as $\square\square.$

Table 38: Basic nouns: counting locations.

Name	Meaning	Notes
00 0 00	how many locations?	
□ □ □ □ □	one location	
	two locations	
00 0 00	three locations	
00 0 00	four locations	
0 000	five locations	
00 0 00 0 0 0	six locations	
00 0 00	seven locations	
00 0 00	eight locations	
000 0 00	nine locations	
000000 • 0000	ten locations	
000000 • 00000	hundred locations	
	thousand locations	
0000 0 00	ten thousand locations	

SB.17 Counting small animals:

Table 39: Basic nouns: counting small animals.

Name	Meaning	Notes
	how many small animals?	
□ □ □	one small animal	
a aa 	two small animals	
• □□	three small animals	
0000	four small animals	
a ao □□	five small animals	
• □□	six small animals	
0000	seven small animals	
• 000	eight small animals	

Name	Meaning	Notes
	nine small animals	
• 0000	ten small animals	
• <u> </u>	hundred small animals	
• 0000 0000	thousand small animals	
• 00000 • 000	ten thousand small animals	

SB.18 Counting big animals:

Tofugu: TO READ

Table 40: Basic nouns: counting big animals.

Name	Meaning	Notes
0000	how many big animals?	
• DD	one big animal	
0 00	two big animals	
0000	three big animals	
0000	four big animals	
o oo DD	five big animals	
0000	six big animals	
0000	seven big animals	
aaaa ● □□	eight big animals	
00000	nine big animals	
• □□□	ten big animals	
00000	hundred big animals	
0000	thousand big animals	
000000	ten thousand big animals	

SB.19 Counting birds and bats:

Read the main article on Tofugu.

% Be careful: many winged animals don't use the \square counter: flying insects, winged monsters, and flying dinosaurs all use \square (Table 39) or \square (Table 40).

All birds are counted with $\stackrel{\circ}{\Box}$ except very big birds like ostriches and emus, those use $\stackrel{\circ\circ}{\Box}$ (Table 40).

Table 41: Basic nouns: counting birds and bats.

Name	Meaning	Notes
00 0	how many birds/bats?	
00 D D D	one bird/bats	
	two birds/bats	
• 🔲	three birds/bats	
00 0	four birds/bats	
	five birds/bats	
00 0 0 0	six birds/bats	
00 D	seven birds/bats	
00 D	eight birds/bats	
000 0	nine birds/bats	
•	ten birds/bats	
• 00000	hundred birds/bats	

	Name	Meaning	Notes
•		thousand birds/bats	
•		ten thousand birds/bats	

SB.20 Counting years:

Tofugu: TO READ

Table 42: Basic nouns: counting years.

Name	Meaning	Notes
0000	how many years?/which year?	
0000	one year/first year	
□ □ □	two years/second year	
0000	three years/third year	
□ □ □	four years/fourth year	
a aa 	five years/fifth year	
0000	six years/sixth year	
0000	seven years/seventh year	
0000	eight years/eighth year	
00000	nine years/ninth year	
00000	ten years/tenth year	
00000	hundred years/hundredth year	
0000	thousand years/thousandth year	
00000	ten thousand years/ten thousandth year	

SB.21 Calendar months and days of a week: and

The days of the week are named after the East Asian Seven Luminaries: the sun, the moon, and the five planets visible to the naked eye (Mercury, Venus, Mars, Jupiter, Saturn).

Table 43: Basic nouns: Calendar months and days of a week.

Name	Meaning	Notes
0000 	which month?	
	January	
	February	
	March	
• 00/00	April	
000 000	May	
	June	
	July	$ \Box\Box/\Box\Box $ is sometimes used for disambiguation; [HN]
0000 0000	August	
• 00/00	September	
	October	
	November	
	December	
0000 a	which day of the week?	
00 0000 0000 0	Sunday	Sun
	Monday	Moon
0/00/000	Tuesday	$\operatorname{fire}/\operatorname{Mars} \left(\overset{\scriptscriptstyle 0}{\Box\Box} \right)$

Name	Meaning	Notes
	Wednesday	$\operatorname{water}/\operatorname{Mercury} \left(\square \square\right)$
	Thursday	wood/Jupiter $(\Box\Box)$
	Friday	$\mathrm{metal/Venus} \; (^{_{\scriptstyle{\square\!\square\!\square}}})$
0/00/000	Saturday	$\operatorname{earth/Saturn} \; (\stackrel{\scriptscriptstyle \square \square}{\square})$

SB.22 Counting months:

Tofugu: TO READ

 \Box is the $\Box\Box$ reading, so counting uses the $\Box\Box$ counting system.

Table 44: Basic nouns: counting months.

	Name	Meaning	Notes
	00000	how many months?	
•		one month	□□ is semi-archaic; [HN]
		two months	□□ is semi-archaic; [HN]
•		three months	
•		four months	
		five months	
•		six months	
		seven months	
•		eight months	may be informal; [HN]
		nine months	
•		ten months	
•		hundred months	
		thousand months	
	0000 0 00 000	ten thousand months	

SB.23 Days of the month: //

Read the main article on Tofugu. Also see Instagram reel.

For calendar days, the \square counting system $(\stackrel{\square}{\square})$ is used for $\{2nd-10th,\ 14th,\ 20th,\ 24th\}$. All other numbers use standard \square counting system $(\stackrel{\square}{\square})$. Furthermore, $\{17th,\ 27th\}$ use $\stackrel{\square}{\square}$, and $\{19th,\ 29th\}$ use $\stackrel{\square}{\square}$.

For ordinal days $\S SB.24$, there are two rules. The $\square \{\square/\square\}$ schema follows the rules of day intervals $\S SB.25$, so $\square\square$ counting system (\square) is used for $\{2nd-10th, 20th\}$ only. Furthermore, $\{1st-31st, 49th\}$ use the formal readings: $\{17th, 27th\}$ use \square (\square) OK for disambiguation) and $\{19th, 29th, 49th\}$ use \square . On the other hand, the \square \square schema follows these simplified rules: the standard \square counting system is used for all numbers, and $\{9th, 19th, 29th, 49th\}$ use \square .

For day intervals [§SB.25], the $\square\square$ counting system (\square) is used for {2nd-10th, 20th} only. All other numbers use the standard $\square\square$ counting system (\square). Furthermore, days intervals in{1-31, 49} days use the formal readings: {17, 27} days use \square (\square OK for disambiguation) and {19, 29, 49} days use \square .

For o'clocks and hour intervals $\S SB.26$, if the ones place is 4, 7 or 9, then $\square \square \square \square \square \square \square$ are used, ad infinitum.

Table 45: Basic nouns: calendar days.

Name	Meaning	Notes
0000 	which day of month/which day?/how many da	ays?
• 0000 00 0	first day of month	\square is sometimes used in business settings; [TFG]
• 🔲	second day of month	
	third day of month	
	fourth day of month	
	fifth day of month	
• 00	sixth day of month	
• 00	seventh day of month	
• 00	eighth day of month	
000 0 	ninth day of month	
	tenth day of month	
	eleventh day of month	
000 0 00	twelfth day of month	
	thirteenth day of month	
• 00000	fourteenth day of month	
000 0 00	fifteenth day of month	
	sixteenth day of month	
● □□□	seventeenth day of month	\square is sometimes used for disambiguation
0000000	eighteenth day of month	
• 000 0 00	nineteenth day of month	
• 000	twentieth day of month	
	twenty-first day of month	
	twenty-second day of month	
	twenty-third day of month	
• 000000	twenty-fourth day of month	
	twenty-fifth day of month	
	twenty-sixth day of month	
•	twenty-seventh day of month	\square \square is sometimes used for disambiguation
	twenty-eighth day of month	
• 0000 0 00	twenty-ninth day of month	
	thirtieth of month	
	thirty-first day of month	
0 000 0 00	forty-ninth day after death	

SB.24 Ordinal days: $\{\ /\ \}\ /$

Read the main article on Tofugu.

Read the main article on Tofugu. \Box is casual, \Box is formal. \Box is \Box and follows pronunciations from §SB.25; \Box is \Box and forces \Box to take its $\square\square$ reading.

Table 46: Basic nouns: ordinal days.

Name	Meaning	Notes
	which day of month/which day?/how n	nany days?
000000	which day?	
	first day	
• 000 0 0000	second day	

Name	Meaning	Notes
	third day	
	fourth day	
000/000	fifth day	
• 000/000	sixth day	
• 000/000	seventh day	
• 000/000	eighth day	
• 00000	ninth day	
	tenth day	
	eleventh day	
	twelfth day	
	thirteenth day	
	fourteenth day	
000000000000000000000000000000000000000	fifteenth day	
	sixteenth day	
	seventeenth day	
	eighteenth day	
• 0000000000000000000	nineteenth day	
• 0000/0000	twentieth day	
	twenty-first day	
	twenty-second day	
	twenty-third day	
	twenty-fourth day	
	twenty-fifth day	
	twenty-sixth day	
• 000000000	twenty-seventh day	
	twenty-eighth day	
• 00000000000000000	twenty-ninth day	
	thirtieth day	
	thirty-seventh day	
	thirty-ninth day	
• 0000000000000000000000000000000000000	forty-ninth day	
	fifty-ninth day	
	hundredth day	
00000 000000	thousandth day	
	ten thousandth day	

SB.25 Counting days: $\{\ /\ \}$

Read the main article on Tofugu.

The $\Box\Box\Box\Box$ suffix here means "interval". While typically dropped in the absence of ambiguity, it is necessary here to distinguish day intervals from days of the month (§SB.23; [WB]).

For formal settings and specifically **days and hours** (with the exception of day of month $\Box\Box$), \Box is preferred over \Box , though the latter may be used for disambiguation with \Box .

Table 47: Basic nouns: counting days.

Name	Meaning	Notes
000000	which day of month/which day?/hov	w many days?
	one day	

Name	Meaning	Notes
• 0000	two days	
	three days	
	four days	
	five days	
• 000	six days	
• 000	seven days	
• 000	eight days	
000 0 00	nine days	
	ten days	
	eleven days	
	twelve days	
	thirteen days	
	fourteen days	
	fifteen days	
	sixteen days	
• 00000000	seventeen days	$\begin{array}{c} \square \square \square \square \\ \square \square \square \square \end{array} \text{is sometimes used for}$ disambiguation
	eighteen days	
• 000 0 0000	nineteen days	
• 00000	twenty days	
	twenty-one days	
0000 0 0000	twenty-two days	
	twenty-three days	
00000000 0 000 0000 0 0000	twenty-four days	
	twenty-five days	
	twenty-six days	000000000
□ □ □ □	twenty-seven days	\Box $\Box\Box\Box$ is sometimes used for disambiguation
	twenty-eight days	
• 0000 0 0000	twenty-nine days	
	thirty days	
	thirty-seven days	
	thirty-nine days	
•	forty-nine days	
	fifty-nine days	
	hundred days	
	thousand days	
	ten thousand days	

SB.26 Counting o'clocks and hours: and

Table 48: Basic nouns: counting o'clocks and hours.

Name	Meaning	Notes
00 0	which hour (of day)?	
00 0	zero o'clock (midnight/noon)	
00 0	one o'clock	
00	two o'clock	

Name	Meaning	Notes
00 0 00	three o'clock	
	four o'clock	
	five o'clock	
00 0 0	six o'clock	
οο ο Ο Ο	seven o'clock	$\Box\Box$ is sometimes used for disambiguation
00 0 00	eight o'clock	distantosgaattosi
	nine o'clock	
	ten o'clock	
00000 0	eleven o'clock	
000 0	twelve o'clock	
00000 0	thirteen o'clock	
0000		
	fourteen o'clock	
00000 0	fifteen o'clock	
	sixteen o'clock	00000 0
00000 0	seventeen o'clock	□□□ is sometimes used for disambiguation
00000 0	eighteen o'clock	
	nineteen o'clock	
0 000 0	twenty o'clock	
000000 0	twenty-one o'clock	
0000 0 0	twenty-two o'clock	
000000 0	twenty-three o'clock	
0000 0 0	twenty-four o'clock	
00 0 00	how many hours?	
00 0 00	one hour	
	two hours	
00 0 00 DDD	three hours	
	four hours	
0 0 00	five hours	
000	live nours	
	• 1	
000	six hours	00000
000	six hours	$\begin{array}{c} \stackrel{\scriptstyle \infty \circ \infty}{ \square \square \square} \text{ is sometimes used for} \\ \text{disambiguation} \end{array}$
000		□□□ is sometimes used for
000 000 000 000 000	seven hours	$\square\square\square$ is sometimes used for
00000000000000000000000000000000000000	seven hours	□□□ is sometimes used for
00000000000000000000000000000000000000	seven hours eight hours nine hours	□□□ is sometimes used for
00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	seven hours eight hours nine hours ten hours	□□□ is sometimes used for
	seven hours eight hours nine hours ten hours eleven hours	□□□ is sometimes used for
00000000000000000000000000000000000000	seven hours eight hours nine hours ten hours eleven hours twelve hours	$\square\square\square$ is sometimes used for
	eight hours nine hours ten hours eleven hours twelve hours thirteen hours	$\square\square\square$ is sometimes used for
	seven hours eight hours nine hours ten hours eleven hours twelve hours thirteen hours fourteen hours	$\square\square\square$ is sometimes used for
	seven hours eight hours nine hours ten hours eleven hours twelve hours thirteen hours fourteen hours	□□□ is sometimes used for disambiguation
	eight hours nine hours ten hours eleven hours twelve hours thirteen hours fourteen hours sixteen hours sixteen hours	□□□ is sometimes used for disambiguation
	seven hours eight hours nine hours ten hours eleven hours twelve hours thirteen hours fourteen hours sixteen hours seventeen hours seventeen hours	□□□ is sometimes used for disambiguation
	eight hours nine hours ten hours ten hours eleven hours twelve hours thirteen hours fourteen hours sixteen hours sixteen hours eighteen hours nineteen hours	□□□ is sometimes used for disambiguation
	seven hours eight hours nine hours ten hours eleven hours twelve hours thirteen hours fourteen hours sixteen hours seventeen hours seventeen hours	□□□ is sometimes used for disambiguation

Name	Meaning	Notes
000000 0 00	twenty-three hours	
• 0000 0 00	twenty-four hours	
	hundred hours	
	thousand hours	
0000 0 00	ten thousand hours	

SB.27 Counting minutes:

Read the main article on Tofugu.

Table 49: Basic nouns: counting minutes.

Name	Meaning	Notes
• 🔲	how many minutes?	
• 🔲	one minute	
	two minutes	
□ □ □ □	three minutes	
• □□	four minutes	
o oo OO	five minutes	
□ □ □ □	six minutes	
0000	seven minutes	
• □□	eight minutes	
00000	nine minutes	
• 0000	ten minutes	
000 0 00	fifteen minutes	
• 0000000	thirty minutes	
00000 0 00	fourty-five minutes	
• DDDD	hundred minutes	
• 0000	thousand minutes	
• 000000 • 00000	ten thousand minutes	

SB.28 Counting seconds:

Table 50: Basic nouns: counting seconds.

Name	Meaning	Notes
00000	how many seconds?	
00000	one second	
0 000	two seconds	
 00000 	three seconds	
00000	four seconds	
0 000	five seconds	
00000	six seconds	
00000	seven seconds	
00000	eight seconds	
000000	nine seconds	
000000	ten seconds	
00000	hundred seconds	
	thousand seconds	
000000	ten thousand seconds	

SB.29 Counting positions:

Table 51: Basic nouns: counting positions.

Name	Meaning	Notes
0000	which position?	
0000	first position	
	second position	
0000	third position	
0000 0	fourth position	
0.00	fifth position	
0000 0	sixth position	
0000 0	seventh position	
0000	eighth position	
00000	ninth position	
	tenth position	
	hundredth position	
	thousandth position	
000000	ten thousandth position	

SB.30 Counting occurrences:

Tofugu: TO READ

Table 52: Basic nouns: counting occurrences.

	Name	Meaning	Notes
	000	how many times?	
•	0000	one time	
	0.00	two times	
	0000	three times	
	0000 0	four times	
	0 00 00	five times	
•	0000	six times	
	0000	seven times	
•		eight times	\Box is probably informal
	00000	nine times	
•		ten times	
•		hundred times	
		thousand times	
	000000	ten thousand times	

SB.31 Counting methods/ways/kinds:

Table 53: Basic nouns: counting methods/ways/kinds.

		,	
Name	Meaning	Notes	
0000	how many methods/ways/kinds?		
• DDD	one method/way/kind		
	two methods/ways/kinds		
0000	three methods/ways/kinds		
	four methods/ways/kinds		

Na	ame	Meaning	Notes
000		five methods/ways/kinds	
0000		six methods/ways/kinds	
0000		seven methods/ways/kinds	
• 0000		eight methods/ways/kinds	□□□ is probably informal
00000		nine methods/ways/kinds	
• 0000		ten methods/ways/kinds	
000		hundred methods/ways/kinds	
	1000 1000	thousand methods/ways/kinds	
00000		ten thousand methods/ways/kinds	

SB.32 Counting shots/hits/punches:

Table 54: Basic nouns: counting shots/hits/punches.

Name	Meaning	Notes
• 🔲	how many shots/hits/punches?	
	one shot/hit/punch	
□ □□	two shots/hits/punches	
	three shots/hits/punches	
0000	four shots/hits/punches	
a aa D D	five shots/hits/punches	
0000 •	six shots/hits/punches	
0000	seven shots/hits/punches	
0000 • DD	eight shots/hits/punches	
00000	nine shots/hits/punches	
00000	ten shots/hits/punches	□□□□ also possible?
00000 • 0000	one hundred shots/hits/punches	
0000 • 0000	one thousand shots/hits/punches	
• 000000	ten thousand shots/hits/punches	

VA Interjections and expressions

VA.1 Greetings

Table 55: Interections and expressions: greetings. TO ORGANISE

Expression	Meaning	Notes
000	good morning	colloquial
0000[00000]	good morning	$(\Box\Box\Box[\Box\Box\Box\Box]); [polite]$
00000	hello/good afternoon/good day	(000)
00000	good evening	(000)
000[000]	good night	
000	thanks for coming/glad you could make it; thanks for helping	
000000	nice to meet you/glad to make your acquaintance/how do you do	(00000)
000000000	(after some time apart) how have you been?/nothing untoward has happened, has it?	polite
0000000000/	I look forward to working with you/please remember me/please treat me favourably/please	(000000{0000/0000}); polite; also in Table 56
00000000000	help me	(Gadada (Gad, Gada)), ponte, also in Table 60
0000	Γ m home/ Γ m back	(00)
000[000]	welcome home	
0000	excuse me/hey	also an adverb
0000	hello (on phone)/excuse me (calling out to someone)	(0000)
00000	long time no see	polite
00	hey! (calling out to someone); hey! (to scold)	
000	hey, you!/you bastard!/damn you!	derogatory
000000	please excuse my intrusion/I'm coming in ("I'm intruding")	
00000	excuse me/I'm sorry/I'm coming in (I'm being rude')	polite
0000000	just out for a bit; euphemism for toilet break	
0000	that's enough for today	also a noun
0000	thank you for your hard work/good work/see you/goodbye/goodnight	
0000	see you tomorrow	
000	bye/see you later	
00000	I'm off/see you later	
000000	I'm off/see you later	
0000000	have a good day/take care/see you (often in response to $^{\circ}$	(0000000)
000000	please excuse my intrusion/I'm leaving ("I intruded")	
000000	excuse me/I'm sorry/I'm leaving ("I was rude")	polite
00000000	pardon me for leaving first (before everyone else still present)	
0000	welcome	
000000	welcome	honorific; also in Table 56
00000000	welcome (in shops and restaurants)	
0000000	thank you for waiting/sorry to have kept you waiting	polite
000000	thank you for the meal (just served); I receive (this meal)	(0000)
000000[000]	thank you for the meal (consumed)	(DDDD[DDD]); [polite]

VA.2 Exclamations

Read the main article for apologies on CM.

Table 56: Interections and expressions: exclamations. ${\color{blue}{{\rm TO~ORGANISE}}}$

Expression	Meaning	Notes
00	yes/that is correct/I'm here/pardon?	
00	yes/yeah/mhmm	
0000	hmm/uh-huh; murmur indicating approval/comprehension	slang
000	yes	
00/000/[0000/0000000]	that's right/indeed (reference to something that was said/done)	e.g. DODOOODOOOO, [polite]
0000[]	that's right/indeed/that's it (reference to something that was said/done)	casual
0000	oh, yes!/that's it/indeed/I remember	
00000	now that you mention it/that reminds me/speaking of which	
00/000	$_{ m hmm}/{ m I}$ see	
000	no thanks/I'm good	(00000)
000/00	no	(")
000/000	um/well/no	
00	no/not needed/not allowed	
000	no/that's wrong/it's not like that; isn't it?/wasn't it?	
0000	skip it/drop it; I've had enough/that's enough	
00000000	no thanks/I will refrain	(000000); 000000
000[000]	please	[humble]
00	please/please do	slang, also a verb
{0000000000000000000000000000000000000	please do/please take care of	(
$(\square/\square{<}\mathrm{nn}{>})/{<}\mathrm{v}{-}\mathrm{te}{>}\square\square\square$	please do for me	honorific

i	Manadan	N-t
Expression	Meaning	Notes
0000	please give me (imperative of DDDD)	(DDD); honorific
000000	please come/go/stay (polite imperative)	also in Table 55
0000000	if you don't mind/if you like/if you're interested	(000000)
00000000	certainly! (in response to superior/customer)	(
0000	finished doing/did completely	slang of 0000/000000
0000000	please refrain from	
00000	feels good	also an adjective
00	cheers/bottoms-up	also a verb
000	delicious/skilled/good	colloquial
	, , , ,	
00/00[0]	um/er/well/say	
□□ □	well/now	also a pronoun
ΩΩ	what/what the heck/damn	
000	what did you just say (to me)?/what's that?	
00000	my goodness!/good lord!/holy cow!	
000000	what the hell/oh great!/son of a X/holy mackerel/oh no!/holy cow!/damn!	
0000	why? why not? what's wrong?	
00000	what's the matter?/what's wrong?	
$<$ nn $>$ { \square/\square } \square	what happened to $?/$ what have you done with $?$	
00000	what to do	
00000	what would you do?/what to do about it?	
000000	perhaps/possibly (sentence ender)	(00000)
0000	it seems that; as if	polite
00000	it seems that; as if	polite
0000	something like that/sort of like that/similar to that/in that vein	slang, abbreviation of DDDDDD
000000	confidential talk/conversation between you and me	oo, wood o'r dddddd
□□□ □	help!	
000	watch out!/look out!/be careful!	
00000	take care/be careful	((00000)
0000	hang in there/go for it/keep at it/do your best	(000)
00	my bad/sorry	casual; also an adjective
0000	my bad/sorry (for past mistake)	casual; also an adjective
000[0]	I'm sorry/excuse me/pardon me	$(\square\square[\square])$; casual
00000	I'm sorry/excuse me/pardon me	(DDDDD); semi-formal
000000	please forgive me	(DDDDDD); honorific, semi-formal
 DODDODD	please forgive me	(DDDDDD); honorific, formal
{00/00}00000	Fm sorry ("I am regretful")	({00,00}00000); semi-formal
{00/00}00000	- ,	({00,00}00000); humble, formal
000000	Fm sorry ("I am regretful")	00000
	I'm sorry (esp. in written apology) ("I perform apology")	(DDDDDD); humble, formal
00000000	I'm sorry ("I perform apology")	(DDDDDDD); humble, formal
00 00	I'm sorry ("I offer my apology")	humble, formal
00000	I'm sorry/it's inexcusable ("excuse does not exist")	semi-polite
000{000000/00000}	I'm sorry/it's inexcusable ("excuse does not exist")	polite
000/00000/[00000]	excuse me/pardon me/I'm sorry (general/for the inconvenience) $$	(DDDDD); [polite]
0000	excuse $me/\Gamma m$ sorry	also an adjective
000000	$\mbox{I'm sorry/excuse}$ me/my apologies (general/for the inconvenience)	polite
000000000000000000000000000000000000000	We apologise for any inconvenience this may cause (common email/announcement-end	polite, formal
assesses and distributed the second s	greeting) ("I have no excuse for causing you this trouble.")	ponec, formar
000	thanks (abbreviation)	
0000000	thank you very much	(0000[0]00)
00000[00000]	thanks/thank you	(0[0]00[00000]); [polite]
0000000000	thank you (for past action)	(D[D]DDDDDDDD); polite
0000	thank you	also an adjective
0000000	you're welcome/don't mention it/not at all/my pleasure	(000000)
00000		(888888)
00000	it was no bother at all/not at all/don't mention it	also in Table 72
D	it is I who should say so	also III Table 12
	don't worry about it/nevermind	
0 000	don't worry about it/forget about it	
0000	no problem/easy task	
0000	no problem/not an issue/all right	also an adjective
0000	no problem/it doesn't matter	
00000	no problem/it doesn't matter	
00000[00000]	congratulations!/well done!	(00000[00000]); [polite]
0000	Do you know?/do you think so too?	(DDDD); also a verb
000	I know/I think so too	(DDD); also a verb
00[0]	seems/I think/I guess/I wonder/I hope; right?/don't you agree?/I thought you'd say that!	conjectural form of copula □
0000	not understanding/not knowing	(DDDDD); slang
nnnn	not understanding/not knowing how about?/I wonder/I don't know	(uuudu), siang
0000	I see/that's right/indeed	(000)
	is that so? (rhetorical); I see/right/oh/OK	
000	oh, right/I see/OK/gotcha	00
0000000	I got it/I see/I now know/so that's the reason	(00000)

Expression	Meaning	Notes
0000	OK/roger	also a noun, verb
00	$alright/looking\ good/OK$	
00000000	in that case/that being the case	
	no way! really!? unbelieveable!	colloquial
000000	my goodness (surprise/wonder)	
000	by no means/never!/no way!	$(\square\square)$; also a noun
00000	in case of emergency/for a rainy day/in time of need	
000000	absolutely not!/far from it!/impossible!/what a thing to say!/no way!	
000	like I said/I told you already	also a conjunction
0[0/0]0/0[0/0]0	oi! hey! come on!	
	hey/listen/look/say	
	look! see! hey!	
00	jeez/come on	
0000[00]	good grief	(00[00])
000	good grief	slang
00	what (are you trying to say/do you mean)?	
	eh? what? oh?	
00[0/0/0]	huh? eh? what? look! listen!	
00	oh!/ah!/oh no	feminine
000000	oh my god!/oh my gosh!/you got me!/wow! (surprised/frightened)	
0000	darn it!/oops!/oh dear!/oh no!	
00	oh!/ah!/oh dear!/dear me!/thank God!	
0000	oh!/ah!/oh dear!/good grief!/dear me!/thank God!	
00/00	no way/not a chance	feminine/childish
000	no way!/never!	
00000	stop messing around!/get real!/screw you!	slang
0000000	stop messing around!/get real!/screw you!	slang
00000	fuck you!/don't fuck with me!/don't fuck around!	expletive
000000	fuck you	slang, expletive
0000	stop!/not one step further!	
0000000	that's enough!/cut it out!/get a life!	
00000000	shape up!/act properly!	
000000	pull yourself together/get a grip/get a hold of yourself/come on	
00/00	$come\ on/come\ now/come\ along\ (to\ urge/encourage\ others);\ here\ goes\ (indicates\ resolve);\ well$	
	(indicates uncertainty/hesitation); about that/actually (interrupting someone)	
000	well/now/then	CONJUNCTION
	damn/damn it/shit/crap	(D)
0000	you bastard/son of a bitch!	derogatory
00000	damn it/son of a bitch/god damn it	(00)
000	annoying/noisy	colloquial
0000/000{0/0}/000{0/0}	shut up!/be quiet!	(□□)
000	be quiet!	also an adverb
00000	to become hungry/get an empty stomach	
0000	to be thirsty	
0 000 0 0	that's all	
000	any more/anymore/any further/any better/any longer (usu. with negative sentence)	
00000000	it's not much, but (when giving a gift)	humble; (000000000); [KK]
0000/0000/000	ding/ping	ONOMATOPOEIC manga slang
00000	thwap/smack (used when winking)	[PX]
0 0000	there is no use shutting the stable door after the horse has bolted ("squeezing your buttocks	
0000000	after you have farted")	PROVERB
0000000/0000000	good advice is harsh to the ear	

VA.3 Sentence builders

Table 57: Interections and expressions: sentence builders.

Expression	Meaning	Notes	
000	called/named	(000)	
000000	that is to say/so that means	(00000)	
 dasis>00000	judging from/on the basis of/from the point of view of		
 basis>00000	judging from/on the basis of/from the point of view of		
 dasis>00000	judging from/on the basis of/from the point of view of		
<about>000</about>	$about/concerning/regarding/as \ for < about>$	(000)	
<about>0000</about>	concerning/regarding <about></about>	(0000)	
0000	for more details/further information		
0000	should do/ought to do	_	
000	should do/ought to do		

VB (nouns)

VB.1 Meta: Japanese

Table 58: Nouns: meta: Japanese.

Noun	Meaning	Notes	
	letter/character of an alphabet		
000	emoji; pictorial symbol; ASCII art		
0 0000 0	common noun		
00 0 0	synonym		
0000	synonym		
00 0 00	quasi-synonym (similar meaning but not interchangeable)		
00 0 0	antonym		
00 0 0	antonym		
00 0 0	antonym		
0000 0 000	antonym		
□ □	subject		
000 0	compound kanji/idiom		
0 0 000 0	four-character compound word (esp. idiomatic)		
0000 0	adjective/□-adjective		
000000 0	adjectival noun/nominal adjective/quasi-adjective/\pi-adject	ive	
0000 0	pre-noun adjectival/adnominal adjective		
00 0	verb		
0 0000 0	□-verb		
000000 0	□-verb		
0 0 00	transitive verb		
0000	intransitive verb	intransitive verb	
00 0 00	agent/performer of an action	agent/performer of an action	
	active voice	active voice	
000000	passive voice		
00 0 00	passive form		
0000000 0 0 000	direct passive		
000000 D	indirect passive		
0 0 00	past tense		
00 0 00	adverb		
00 D	inflection/conjugation	also a verb, also in Table 79	
00 D	particle		
0000 a	conjunction		
0000 0 000	interjection		
0000 0	-		
0000 0	polite language (e.g. 00000)		
000 0000 0 0	honorific language humble language (e.g. itadaku)		
00	numble language (e.g. itadaku) reading (of a $\Box\Box$, esp. $\Box\Box\Box$)		
 DDD	reading (or a DD, esp. DDD) phrasing/language/wording/way of saying something		
000000	pnrasing/ianguage/wording/way or saying something word choice		
00000 0	literary language/words used mainly in writing		
00	sentence; statement (computing)	also in Table 79	
	sentence; statement (computing)	also in Table 79	
0000	example sentence	also III 1aoic (3	
	example sentence		

Noun	Meaning	Notes
	Japanese language	
00 0 00	Japanese word of Chinese origin/Sino-Japanese word	
0000 0	loanword in Japanese (esp. those of Western origin)	
	etymology/origin/derivation of a word	
000000 0 00000	"very good"/double circle	
	"correct"/"good"/circle	
0000 0000 \(\triangle \sqrt{0} \)	not entirely wrong but not entirely right/so-so/average/	
	triangle	
×/00/00	cross mark/"incorrect"	
	sic	

VB.2 Grammatical

Table 59: Nouns: grammatical.

Noun	Meaning	Notes
	thing/object	
00	thing/matter	
<to nominalise="">$\Box\Box$</to>	nominalising suffix	SUFFIX
$<\!\!\mathrm{noun}\!\!>\!\!\square <\!\!\mathrm{alias}\!\!>$	<noun>, also known as <alias>,</alias></noun>	SUFFIX
<advice>□□□</advice>	you should/it's important to $<$ advice $>$	SUFFIX

VB.3 Physical

Table 60: Nouns: physical.

Noun	Meaning	Notes
	sigh	
000	slap (in the face)	also a verb
0000	explosion/detonation/blast/blowing up/eruption (also of emotion) $$	also a verb
0 00 00	movement/transfer/migration/travel	also a verb
0000	taking action/act/conduct/behaviour	also a verb
	hug	
0000	exercise/physical training/workout/sports; motion/movement	also a verb
0000 0	activity/action (of person/animal/organisation/volcano)	
aa a □□	stillness/repose/standing still/dormant (e.g. volcano)	also a verb
	${\it movement/motion; trend/development/change/fluctuation}$	

VB.4 Directions

Read the main articles on JWA and KH.

For the four cardinal directions, the $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$. The corresponding $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$ are $\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$.

When forming the four intercardinal directions and eight secondary intercardinal directions, there is ambiguity in the ordering of constituent cardinals. All permutations are possible, but there are some rules for when to use which:

- When describing something native to Japan, use Japanese ordering.
- When forming international and Western concepts, such as compass directions, use Western ordering (this is standardised by the World Meteorological Organisation). Note that secondary intercardinal directions take the form <cardinal>-<secondary cardinal>.

The readings of the intercardinal and secondary intercardinals are simply the concatenation of the unmodified constituent $\square\square\square$ readings. The only exception is when cardinals describing direction spans come together, in which case rendaku occurs, so we have $\square\square$ and $\square\square$.

Table 61: Nouns: directions

Up Interest Inte	Noun	Meaning	Notes
Definition Left		up	
In In In In In In In In		down	
right left turn also a verb right turn also a southearting libror right turn also a verb right turn also a sour also right right turn also right right turn also right right turn also right ri		left	
left turn also a verb right turn also a verb compared to the way ahead/beyond also in Table 71 compared to the way ahead, also in Table 71 compared to the way ahead, also in Table 71 compared to the way ahead, also in Table 71 compared to the way ahead, also in Table 71 compared to the way ahead, also in Table 71 compared to the way ahead, also in Table 71 compared to the way ahead, also in Table 71 compared to the way ahead, also in Table 71 compared to the way ahead, also in Table 71 compared to the way ahead, also in Table 71 compared to the way ahead, also in Table 71 compared to the w		right	
the way ahead/beyond also in Table 71 the way ahead/beyond JHN back/behind/rear (physical) JHN characteristic middle/centre LHN		left turn	also a verb
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return/backwards; return (computing)		${\rm downwards/downbound/descent}$	
	00	${\it return/backwards; return\ (computing)}$	
, ,		entrance/entry	

Noun	Meaning	Notes
<containee>□□</containee>	containing <containee></containee>	SUFFIX
00 O	distance/range/interval; difference/gap (e.g. in opinion); metric (mathematical)	
[0]00	${\it near/close/beside/vicinity/proximity/besides/while}$	(\square/\square) ; [honorific]; [goo]
	detour/roundabout way	
	entering a store/restaurant; becoming an employee at a store	also a verb
0000	eviction	
0 000	the aforementioned	also an expression
	the following	
000	excluding/except for/apart from/other than/besides/in addition to	SUFFIX
00000	promotion in rank (of person)	also a verb; [goo]
	promotion in status (of person/institution)	also a verb; [goo]
	promotion/advancement (of person)	also a verb; [goo]
000	upgrade/promotion in status	also a verb
00000	${\it upgrading/promotion/advancement in grade/class/rank}$	also a verb; [goo]
0000000 0 0 000	promotion/appointment to a more senior position	
0000000 0	promotion/appointment to a more senior position	
	demotion/drop in status (of person/institution)	also a verb
	demotion (of person)	also a verb
	status downgrade/demotion	also a verb
	${\rm downgrading/demotion/degradation\ in\ grade/class/rank}$	also a verb
000000	demotion to a less senior position	

VB.5 Navigation

Table 62: Nouns: navigation.

Noun	Meaning	Notes
0000	the act of entering	
00 0 00	prohibition/ban	
□□/BAN	ban (of an online account)	also a verb
0 0 0 0 30000	on-the-spot/on-site inspection	
30000	no entry/no trespassing/keep out/off-limits	
300	stop (road signage)	
0.00	route/line (bus/train/air)	
a aa 30	first departure/train/bus (of the day)	
3 co 3 C	first train	(abbreviation of $\Box\Box\Box\Box\Box$)
0000] []	last departure/train/bus (of the day)	[Wiki]
0 0 0000 3000	last train (of the day)	[Wiki]
0000000] 🗆 🗆 🗆	last train (of the day)	[Wiki]
0000	last train/bus (of the day)	(abbreviation of \Box \Box \Box \Box); [Wiki]
0000	last train (of the day)	[Wiki]
10	haste/hurry/expedition/speed/dispatch	
000 000	great hurry/great haste/rush	
0000] []	the act of hurrying/rushing to somewhere	also a verb
000 	the act of going slowly to somewhere	also a verb
000000	local train (stops at every station)	

Noun	Meaning	Notes
	rapid train	
0000	rapid train (abbreviated)	
	express train	
	express train (abbreviated)	
	limited express train	
	limited express train (abbreviated)	
00000	limited express train (abbreviated)	

VB.6 Places

Table 63: Nouns: .

Noun	Meaning	Notes
	place/location/spot	
000	place/spot/scene/site;	
<nn>000</nn>	place/spot/scene/site; address; district/area/locality; space/room	(\Box) ; SUFFIX
<v present="">□□□</v>	about to/on the verge of $\langle v \rangle$	
<v past="">□□□</v>	just finished doing/was just doing/have just done $<\!\!\mathrm{v}\!\!>$	
00000	position (pose/vacancy)	
00 0 00	local/actual place (e.g. local timezone)	
00 00 0/0	street/neighbourhood	[HN1], [HN2]
	street/road/avenue	
000 0	district of a town/city block	
1000000 	neighbourhood association	
	(multi-floor) building	
00000	restaurant (esp. Western)	
0 0000 000	library	
000 30	bank	
0000 30	public park	
000000 a	highway/expressway	
0000 DD	highway/expressway (abbreviation) also an adjective	
000000	police station	
00000	canteen/cafeteria/dining room/restaurant/eatery	
[0]000	$to ilet/restroom/lavatory/bathroom \\ also: \verb"DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD$	
0000	convenience store	
000	rural area/countryside; hometown	
00	${\it city/urban/municipal/town}$	
00 D	door/gate/opening	also: □□
000 30	east gate	
000 30	south gate	
0000 30	north gate	
oo 	bridge	
00 D	house (physical entity)	neutral, [SE]
[0]00	one's home/house/family/household (of speaker, by default)	[SE], also a pronoun, [honorific]
	room	
00000	kitchen	also: DDDD
0000	stairs/stairway/staircase	

Noun	Meaning	Notes
	school	
00000	elementary/primary school	
00000	junior high/middle/lower secondary school	
0000	senior high school	
0000	university/college	
0000	campus	
00000	${\it classroom/lecture\ room;\ university\ department;\ class/course;} \\ {\it school\ (for\ specific\ discipline)}$	

VB.7 Vehicles

Table 64: Nouns: vehicles.

Noun	Meaning	Notes
	car/vehicle	
0000000	ambulance	
0000	train/railway train	
0000 0	electric train	
	train cabin	also in Table 68

VB.8 Furniture

Table 65: Nouns: furniture.

Noun	Meaning	Notes
00	chair/stool	
οο Ο	wall/partition	
0000	wallpaper/background image	
	body/waifu/husbando pillow	
000 	pillow	SUFFIX
	pillar/post; support/prop/mainstay	
οο □	pan/saucepan; pot; stew/hot pot	
	window	also: □□□□□ (computing)

VB.9 Organisms

Table 66: Nouns: organisms.

Noun	Meaning	Notes
	cat	
0.00	kitten	
	dog; spy/loser	
0.00	puppy	
000 	fish	
0000	human being/humankind	
000	centipede	$(\Box\Box)$; also a counter for shoes/socks
	small fish/small fry	also in Table 74
0000	owl	
	bird; bird meat/fowl/poultry (esp. chicken meat)	
	octopus	$(\stackrel{\circ}{\square})$; also in Table 74
000	eel (Japanese eel)	

Noun	Meaning	Notes
	pigeon/dove	
00000	pigeon/dove	$(\Box\Box\Box\Box)$; children's language
000	domestic duck	

VB.10 Food

Table 67: Nouns: food.

Noun	Meaning	Notes
	cooked rice/meal	
	breakfast	
	bread/sandwich for breakfast	slang/pun (ha)
000000	breakfast	
	lunch	
000000	lunch/midday meal	
	dinner	
00000	evening meal/dinner	
00000	supper/dinner	
000000	take-out/takeaway food	also a verb
0 00	take-out/takeaway (food), esp. $\fill \fill \fi$	-ll-
	a takeaway)	also a verb
000	food	
000 0	cooking/cuisine/dish	also a verb
	meat	
0000	fruit	
0 00 	vegetable	also: 00000
	fruits and vegetables	
	m eggs/egg/roe	
	tuna	
	prawn/shrink/lobster	
000	apple	
	strawberry	
000	banana	
	yuzu fruit	
000	wasabi/Japanese horseradish	
	peach	
00000	lavender (flower)	
	the act of drinking	
	beverage	
0000 	matcha, powdered green tea	
0000	soft drink (usually fruit-based)/sweet drink/juice	
οο Π	juice/sap; soup/broth; dipping suace	
0000	coffee	
	porcelain bowl/meat served over rice	
00	buckwheat/buckwheat noodles	(00)
[0]00	Japanese box lunch	
[0]00	dashi (Japanese soup stock made from fish and kelp)	$([\square]^{\square}); [polite]$
	miso, fermented soybeans condiment	// e J
	miso soup	

Noun	Meaning	Notes
	(hard) candy	
000 000	Japanese dish of roasted/grilled meat (similar to KBBQ) $$	
0000	octopus dumplings/takoyaki	
00000	hot pot dish where thinly sliced meaet is boiled quickly then dipped in sauce	ONOMATOPOEIC
0000	dessert	
	edible seaweed	
	stew/food cooked in a pot	
0000	stew (esp. Japanese cream stew)	also: 0000000
	bread/sweat pastry	
	(rectangular) loaf of bread	
000000 0	mabo tofu/mapo tofu (spicy Sichuan dish of tofu and minced meat) $$	

VB.11 Small objects: stationery

Table 68: Nouns: small objects: stationery.

Noun	Meaning	Notes
	book/document	
	secret/treasured book	also in Table 74
	book/volume/script	
000	book/register	
	paper	
0 00 0	letter/mail	
0 00 00	postcard	
	cardboard	
	(corrugated) cardboard	
	cardboard box	
□ □	box/case/chest/crate; package	also in Table 64
	memo/note	also a verb
000	note/notebook/exercise book/laptop computer	also a verb
0.00	dictionary	
0000 0	calculator	
0000	abacus	0000
0000	pencil	
0000	razor	

VB.12 General objects

Table 69: Nouns: small objects: general objects.

Noun	Meaning	Notes
	binoculars/field glasses	
00 0 000000	night-vision scope	
	telescope	
000	bag/briefcase/basket	
000	bag/sack/pouch	
0 00 00	m label/tag	
	label/tag; sign/card/plate	

VB.13 Date

Table 70: Nouns: date.

Noun	Meaning	Notes
000	(referring to) the date of an event	
	every day	also an adverb, [HN]
00	day after day	also an adverb, [HN]
00000	weekend	
0000	the other day/a few days ago	also an adverb
	day before yesterday (from now)	also an adverb
	yesterday (from now)	also an adverb
	today (now)	also an adverb; [goo]
0000	today (now)	also an adverb; formal, [goo]
000 00	tomorrow (from now)	also an adverb
0000	day after tomorrow (from now)	also an adverb
000000	two days before (an event)	also an adverb
0000	the day before (an event)	also an adverb
0000	the day (of an event)	also an adverb
	the day after (an event)	also an adverb
	two days later (an event)	also an adverb
0000000	- , ,	
0000	two weeks ago (from now)	also an adverb, [HN]
00000	last week (from now)	also an adverb, [HN]
0000000	this week (now)	also an adverb
0000	this weekend	l l [GG]
0000000	next week (from now)	also an adverb, [GC]
0 000	two weeks later (from now)	Table 1
00000	next week (recurring event, e.g. TV)	also an adverb, [GC]
00000	the week before (an event)	also an adverb, [HN]
00000	the week (of an event)	also an adverb
	the week after (an event)	also an adverb, [GC]
00000	two weeks after (an event)	also an adverb, [GC]
	two months ago (from now)	also an adverb
	last month (from now)	also an adverb
	this month (now)	also an adverb
	next month (from now)	also an adverb
	the month before (an event)	also an adverb
	the month (of an event)	also an adverb
	the month after (an event)	also an adverb
	two months after (an event)	also an adverb
	two years ago (from now)	casual, also an adverb, [goo]
0000	last year (from now)	casual, also an adverb, [goo]
	two years ago (from now)	formal, also an adverb, [goo], [HN]
0000	last year (from now)	formal, also an adverb, [goo]
	this year (from now)	also an adverb
0000	next year (from now)	also an adverb
0000	next year (from now)	formal, also an adverb
	two years later (from now)	also an adverb
000000	two years before (an event)	

Noun	Meaning	Notes
	the year before (an event)	also an adverb
0000	the year (of an event)	also an adverb
0000	the year after (an event)	also an adverb
00000	two years after (an event)	also an adverb
0000	season (sports/four seasons/TV show/for doing something e.g. ski/examination)	
	spring	
	summer	
	autumn	
	winter	
00000 0	birthday	

VB.14 Time

Table 71: Nouns: time.

Noun	Meaning	Notes
	time (concept)/class period	also: DDD
000	time (to do something); time-out (sports)	
	moment/instant	
00000	moment/instant	
0000000	an instant/moment (duration)	
00000	an instant/moment/for an instant	also an adverb
	hour/o'clock	also: DDD
	time/hour of day/moment (points to specific instant)	e.g. 000000000
	(referring to) time of day	
	important time	also: 🗓
0000	sometimes/occasionally	
	now/immediately	also an adverb
	from now on (ongoing event)	also an adverb, [goo]
	morning	also an adverb, [HN]
	this morning	
	before noon/ante meridian (a.m.)	also an adverb, [HN]
	noon	also an adverb
	afternoon/after noon/post meridian (p.m.)	also an adverb
000 0 0	this afternoon	
000	evening/dusk	also an adverb
	evening/night	also an adverb, [HN], [goo]
0000	this evening/tonight	
00 0 00	last night/the previous night; the night before (festival, major $$	
00	event, etc.)	
	evening/night (slightly formal)	also an adverb, [HN], [goo]
	this evening/tonight (slightly formal)	
	morning sun/rising sun (the event)	[HN]
	sunrise (the moment it rises)	[HN]
00	evening $sun/setting sun$ (the event)	[HN]
0000	sunset (the moment it sets)	[HN]
	olden days	
	the past	also an adverb

Noun	Meaning	Notes
000/[000]	after that/afterwards/thereafter	[formal]
0000	and then/after that (from a point in time)	
0000	since then/after that (a familiar past to both speaker and listener) $$	
0000	up to now/so far	also an expression
0000	few days	
	several day period	
	first/before/ahead of; previous/prior/former/recent/last	[HN] also in Table 61
000	a moment ago/a short while ago/just now/some time ago	slang; [HN]
0000	the present	also an adverb
0000	recently/lately/these days/nowadays	also an adverb
	on the way/en route; in the middle of/midway/halfway	
0000	from now on/in the future; from here	also an adverb
0000	and then (from a point in time)	
0000	until then; to that extent; the end of it/all there is to it	
□ □ □	the future	[goo]
	${\it future\ prospects\ (people/organisations/countries)}$	also an adverb, [goo]
000	past/after a point in time (e.g. waiting/now)	also in Table 99
0000	$\operatorname{first/beginning}$	
00000	last/final	
	${\it end/conclusion/last/final/latest}$	
	long time/interval	also an adverb
0000	eternity	

VB.15 Pronouns and question words

Gramatically, pronouns are used in place of nouns and noun phrases. There are question words associated with each counter, see the supplementary PDF.

Regarding the $\Box\Box\Box\Box\Box$:

- { \square , \square , \square } times { \square , \square 0, \square 0, \square 0, \square 0 are pronouns
- $\{\Box, \Box, \Box, \Box\}$ times $\{\Box, \Box\Box\}$ are pre-noun adjectivals
- $\{\Box,\,\Box,\,\Box,\,\Box\}$ times $\{\Box\}$ are adverbs

to read all sub articles here

Table 72: Nouns: pronouns and question words.

Noun	Meaning	Notes
	who	
000	who; what is your name ($\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box\Box$; [extra politeness and distance])	honorific, feminine; [TFG]
000[0]	who	[honorific]
000	who	rude
	somebody	
000[00]	everybody	000
	nobody	
	anybody	
	he/him	also a noun
0000	she/her	also a noun

Noun	Meaning	Notes
	Mr./Mrs./Ms.	SUFFIX, honorific, familiar
	Mr./Mrs./Ms. (in letters to inferiors)	SUFFIX, polite
000	familiar person	SUFFIX, familiar
	Mr./male of equal or lower status	SUFFIX
	Ms./female of equal or lower status	SUFFIX, formal, masculine
000/[000]	this person (closer to speaker)	equal or higher status; [formal]
000/[000]	that person (closer to listener)	[formal]
000/[000]	that person/foreign country (distant)	polite; [formal]
000	this person	familiar, derogatory; also an interjection
0000	this rascal (jokingly)!/this bastard (expletive)!	$(\square\square\square\square)$; derogatory
	that person	familiar, derogatory
000	that person	familiar, derogatory
0000	that rascal (jokingly)!/this bastard (expletive)!	(DDDD); derogatory
00	fellow/guy/chap; he/she/him/her	(□); familiar, derogatory
0000	these people	(DDDD); familiar, derogatory
0000	those people	(DDDD); familiar, derogatory
0000	those people	(DDDD); familiar, derogatory
0000	I/me	formal, [HN], [SE]
aaa D	I/me	feminine, less common
00	I/me	(\square); feminine, familiar, also a place
000	I/me	slightly formal/distant
00	I/me	(□); masculine, elderly
	I/me	masculine, distant
0.00	,	distant
	myself/oneself/yourself/himself/herself/I/me	
000	I/me	masculine, familiar
<u> </u>	we/us	(🗆 🗆)
00	we/us	000
	we/us	(00)
00000/[00000]	I/me/we/us I (emphasis, used in opposing reply); it is I who should say so	actually an expression; [formal]
000000/000000	I (emphasis, used in opposing reply); it is I who should say so	formal
000	you/your family/your company	polite
00		(more) polite; [TFG]
00000/[00000]	you (emphasis, used in opposing reply); it is you who should	[formal]
000000/000000	say so you (emphasis, used in opposing reply); it is you who should say so	formal
oo D	you	familiar (equal or lower status)
000	you	$(\square\square)$; rude (if spoken)/distant; archaic: $\square\square\square\square\square\square\square\square$
000/00	you (plural)	$(\square\square)/(\square\square)$; familiar (equal or lower status)
00000	you (plural)	(DDD); rude/distant
THOU SHALT NOT	,	· // // // // // // // // // // // // //

Noun	Meaning	Notes
000	you	$(\square\square)$; rude, expresses annoyance
00/000	you	rude
000	you	$(\Box\Box)$; derogatory, inviting fight
0 00 0 0	you	extremely derogatory, sensitive, inviting fight
0000/000	you (plural)	$(\Box\Box\Box)/(\Box\Box\Box);$ rude
	what	
0000	what kind/sort of, referring to what was said	$(\Box\Box\Box\Box)$; actually a pre-noun adjectival
000	what kind/sort of	semi-casual; actually a pre- noun adjectival
	something	also an interjection
	one part/portion/section	also an adverb
000	all/everything	also an adverb; [goo]
000	everything/all/the whole	$(\square\square)$; also an adverb
	nothing	
	anything	
	which (three or more)	also an interjection
	which/what (way)	actually a pre-noun adjectival
000	one of many/some single one from many	J I I
000	all/none	
0000	any/whichever	
000/[000]	which (two)	[formal]
0000/[0000]	one of the two	[formal]
0000/[0000]	both/neither	[formal]
0000/00000	•	
,	any of the two	[formal]
00/000/[000]	this one (here, closer to speaker)	[formal]
00/000/[000]	that one (there, closer to listener)	[formal]
00/000/[000]	that one (there, distant)	[formal]
	these ones (here, closer to speaker)	formal and explanatory
	those ones (there, closer to listener)	formal and explanatory
000	those ones (there, distant)	formal and explanatory
00	passionate reference/something (subjective) speaker feels close to $$	se
00	${\it dispassionate\ reference/something\ (objective)\ speaker}$ maintains a little distance from	
	(mutual) memory reference/something in speaker's (and listener's) distant memory $$	
00	hesitant reference/leave it up to listener to interpret	used in gossip
00	when	$(\overset{\circ\circ}{\square}\neq\overset{\circ\circ}{\square})$
000	sometime	
000	always/never	
0000	anytime	
	now (passionate/subjective)	
$\square\square{<}{\rm duration}{>}$	<pre><duration> includes present moment (<duration> either past or future)</duration></duration></pre>	[TFG]
	then (dispassionate/objective)	
000	then (distant memory)	

Noun	Meaning	Notes
00	where	(00)
000/[000]	where/which way/which direction	[formal of $\square\square$]
0000/[000/0000]	where (approximate)	casual, [semi-formal]
000/000	somewhere	
00[0]0	everywhere/nowhere	
0000	anywhere	
00/000/000	here (closer to speaker, no comparison nuance)	
00/000/000	there (close to listener, no comparison nuance)	
000	there (distant, no comparison nuance)	
00/{000/[000]}	this way/direction (here, closer to speaker) {comparison nuance}	[formal]
00/{000/[000]}	that way/direction (there, closer to listener) {comparison nuance}	[formal]
00/{000/[000]}	that way/direction (there, distant) {comparison nuance}	[formal]
0000	around here/this approximate area	casual
	around there/that approximate area	casual
	around there/that approximate area (distant)	casual
000/0000	this approximate area/around here	semi-formal
000/0000	that approximate area/around there	semi-formal
00	why	$(\square$); direct/formal/rude, [HN], [SE]
0000	why/how/by what means	informal, [HN], [SE]
000000	why/how/by what means	semi-formal, [HN]
00000	how/what way/method, referring to an achievement of something $$	actually a pre-noun adjectival
000	why	$(\square\square)$; informal, speech, [HN], [SE]
000	for some reason	(000)
00	how/in what way/how about	
	which/what (way)	actually a pre-noun adjectival
000/000	somehow	also an adverb
000000	somehow	(000000)
0000	anyhow	

VB.16 Pre-noun adjectivals

These are adjectives that occur directly before nouns. There are > 100 of them. From §G2.10.4, these function as pre-noun noun modifiers. These function similarly to determiners in English.

Table 73: Nouns: pre-noun adjectivals.

Noun	Meaning	Notes
00	my/our	
00	which/what (way)	_
00	this/these (closer to speaker)	
$\square\square{<}\mathrm{number}{>}$	part/number < number >	e.g. 00000
00	that/those/the (closer to listener)	
00	that/those/the (distant/mutual memory)	
0000	these (closer to speaker)	$(\square\square\square\square)$; formal and explanatory

Noun	Meaning	Notes
0000	those (closer to listener)	(□□□□); formal and explanatory
0000	those (distant) ($\Box\Box\Box$); formal and explanatory	
000	what kind/sort of	semi-casual
000	this kind/sort of (closer to speaker/passionate reference)	semi-casual
000	that kind/sort of (closer to listener/dispassionate reference) $$	semi-casual
000	that kind/sort of (distant memory/sentimental) $$	semi-casual
0000	what kind/sort of, referring to what was said	(0000)
0000	this kind/sort of (closer to speaker), referring to what was said	(0000)
0000	that kind/sort of (closer to listener), referring to what was said	(0000)
0000	that kind/sort of (distant), referring to what was said	
00000	how/what way/method, referring to an achievement of something	
00000	this way/method (closer to speaker), referring to an achievement of something	
00000	that way/method (closer to listener), referring to an achievement of something	
0000	that way/method (distant), referring to an achievement of something $$	
0000	various	
0000	the so-called/so to speak	
0000	any kind of/whatsoever/whatever	(0000); [HN]
0000	every kind of	[HN]
	small/little/tiny	
	${\rm big/large/great}$	
000	simple/nothing deeper (joke/coincidence)	[HN]
000	very little/insignificant/only (e.g. distance/time/occurrence); mere (e.g. child)	(DD); [HN]
000	ordinary/average/nothing special	$(\square); [HN]$
	$considerable/great/important/significant/a\ big\ deal$	
	true/real	
	main/principal/important	
	$\operatorname{last/previous}\left(\square\square\square\right)$	also a verb
□□	$\operatorname{coming/upcoming} \left(\square \square \square \right)$	[HN]
000	$\operatorname{next/following} (\square \square / \square \square / \square \text{ etc.})$	[HN]

VB.17 Roles and occupations

Table 74: Nouns: roles and occupations.

Noun	Meaning	Notes
	female/woman	
□ □ □	$\operatorname{woman/girl}$	
000	$\mathrm{make/man}$	
□ □ □	man/boy	
000	child	□□ may be offensive; [r] also in Table 75
00000	boy; juvenile/child (legal contexts)	

Noun	Meaning	Notes
0 0000 000	minor; not of age	
0000 DD	adult/grown-up (age); coming of age/becoming an adult	also a verb; [goo]
000000	new adult (a person in Japan who reaches adulthood at year)	
	adult/grown-up (age and maturity)	[goo]
00000	beginner	
0000	newcomer	
0000	junior/younger person	
0 00	seniority/long service	
0000	senior/superior/elder	
0000	senior/superior/elder	slang
	student	
0000000	elementary/primary school student	
000000	junior high/middle school student	
000000	high school student	
00 0 0000	female high-school student	
00 0 0000	male high-school student	
00000	university student	
000 0	expert/learned person/PhD Dr.	
00000	professor	
00000	university president/chancellor/provost	
0000	first generation/founder	
00000	company president/manager/director	
0 000	section manager/chief	
00000	shop manager	
00000	chief of police	
00000	head of office/laboratory	
00000	leader of a group of juvenile delinquents/"boss"	
0000	friend	
0000	friend	formal
00 0 00	${\it companion/fellow/friend/mate/comrade/partner/colleague/coworker; group/company/circle}$	
oo o □□	$companion/partner/company; other \ party/addressee;$	
00	opponent (sports)	
	boyfriend	also a pronoun
000	girlfriend	also a pronoun
<noun>0000</noun>	aspiring <noun>/expert in the making</noun>	
00000	general (military, historical)	
	famous person/celebrity/public figure	
	doctor/physician	
0000 00000	police/police officer/police station	
	police officer	
	poor person	
	rich person	
	adventurer	
	soldier/combatant/warrior	
	soldierguard/sentinel/garrison	
	guest/visitor/customer/client/shopper/audience/tourist/ sightseer/passenger	honorific

Noun	Meaning	Notes
00000	${\it guest/visitor/customer/client/shopper/audience/tourist/} \\ {\it sightseer/passenger}$	honorific
0000 DD	genius/prodify/natural gift	
0000 DD	mediocrity/ordinary ability	
0 00000	beautiful girl	
30000	native speaker	also an adjective
0	being a fan/supporter of; one's favourite (member of idol	,
	group/anime/team)	slang
	(private) secretary	also in Table 68
00000	${\it distributor~(news/information/media);~online~streamer}$	
0 0 30	gentleman	
a aa DO	${\it adult/married\ woman}$	sensitive if misused on juvenile/unmarried
io D	${\it person/lady/gentleman}$	honorific; [HN] also in Table 79
000 0 300	accountant	
0000 0 300	musician	
	$ informant/informer/contact; information\ provider \\ (computing) $	
00000 000	national/citizen/native	
000 30	foreigner (esp. European)	
00000 300	$for eigner/for eign\ citizen/for eign\ national/non-Japanese$	
00 D	infant/baby (below one year old)	
3 00 0 300	pilot	
0 000 0 00 0 0 0 0 0 0	astronaut	
0 00000 3 0 0	alien	
000	love/affection for; enthusiast of; -phile	
 300	dislike/hatred/fear	SUFFIX
000 0 0 00	talkative person; talkativeness	
00 0 300	person who likes to drink; love/fondness for alcohol	
00 0 300	cat lover/ailurophile; love for cats	
000 300	cat hater; dislike of cats	
0 0 300	dog lover; love for dogs	
000 300	dog hater; dislike of dogs	
100 D	woman admirer/lustful man; fondness for women; being	
000	attractive to women	
10000 	misogynist; misogyny	
000 0	amorous (expressing sexual desire) woman; being attractive to men $$	
10000 	misandrist; misandry	
30000 300	questioner/interrogator	
0000 3 🗆	comedian (esp. TV); enter tainer/performer (esp. of traditional art) $$	
0 00 0 0	beautiful woman/a beauty	
0 000000 0000	minor/underage person	
10000 	weak person; the weak/vulnerable/disadvantaged	
0000 	strong person; the strong/powerful	
0 00 30	role model/example	also in Table 79
0000		

Noun	Meaning	Notes
	offender/criminal/culprit	
00000	${\it criminal/culprit}$	
00	old woman	(\Box) ; often offensive
0000 0	problem child	
00	${\rm idiot/moron/fool}$	$(\square\square)$; also an adjective
	$\rm fool/idiot/simpleton$	$(\Box\Box)$; also an adjective
	fool/idiot	(🗓 🗆)
	fool/idiot	(\Box) ; also in Table 66
	bastard/asshole/son of a bitch	slang, derogatory
	brat/kid/little devil	$(\Box\Box)$; slang
00000	${\rm goddamn\ idiot/moron/nitwit}$	$(\Box\Box\Box\Box)$; slang, derogatory
	piece of shit/son of a bitch	$(\square\square\square)$; derogatory
0000	stupid brat/son of a bitch	$(\Box\Box\Box)$; derogatory
	brute/bastard	
	unimportant person/a nobody	also in Table 66
0000	liar	
	fat/fatty	PREFIX
000	${\rm middle\text{-}aged\ man/geezer}$	$(\stackrel{\circ\circ}{\square})$; familiar; also in Table 75
00	bald person/baldy; idiot/moron	derogatory
000000	$trouble maker/bothersome\ person/nuisance$	

VB.18 Family

Table 75 lists the names in casual/formal manner. We only use casual when referencing our own family members to other people. In all other situations (talking about other people's family, or talking directly to our own family), we use the formal one.

Table 75: Nouns: family.

Noun	Meaning	Notes
	married couple/husband and wife	
0/[000]	wife	[honorific]
000 / [000]	husband	[honorific]
	parents	[honorific]
0/[0000]	mother	${\it humble/[honorific]}$
0/[0000]	father	${\rm humble/[honorific]}$
000	one's father/pops	$(\square \square)$; familiar; also in Table 74
00 0	parent and child	
000	children	also in Table 74
	twins	
	daughter	[honorific]
00[00]	son	[honorific]
0000	siblings/brothers	
	brothers/male siblings	
0/[000]	older brother; young man/buddy/fella/lad	[honorific]
	older brother; one's senior; man older than oneself	honorific
00	bro (e.g. $\Box\Box\Box\Box$)	SUFFIX slang
	younger brother	[honorific]

Noun	Meaning	Notes
	sisters	
	sisters/female siblings	
0/[0000]	older sister; young lady/miss/ma'am/older girl	[honorific]
	younger sister	[honorific]

VB.19 Body parts

Table 76: Nouns: body parts.

Noun	Meaning	Notes
0000	the body/the flesh/one's physique	also: 0000
	hair (on the head)	also: 🗆
	baldness; bald head	also in Table 74
0000	blonde/golden hair	
000 0000	white/grey hair	
	face; expression/look	
	ear; hearing; ear for music	
□ □	mouth; opening/hole/gap; gate/door/entrance/exit	
	throat; singing voice	
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	smile/smiling face	
	laugh/laughter	
	sneer	
000000	scornful laughter/ridicule/derision/sneer	also a verb
000	yawn/yawning	
	kiss	also a verb
000	light smooch/smacking sound	ONOMATOPOEIC also a verb, adverb
000	kiss	ONOMATOPOEIC also a verb, adverb
0000	loud kiss/smooch; squirting/gushing	ONOMATOPOEIC also an adverb
□ □ □	breathing/respiration	also a verb
	chest/breast; mind/feelings	
0000	boobs/breasts	slang/children's language
0000	heart	also: DDD
о П	blood	
0000	tightly clenched fist	
00	abdomen/belly/stomach; womb; one's mind/real intentions/	
	true motive	
	belly/abdomen/stomach	polite
0000	child one is expecting	
	upper half of the body	
0 0000	lower half of the body, nether parts	
00	ass/buttocks	(\Box) ; slang
	${\it bottom/buttocks}$	[polite]
	tail of an animal	
000	fart/gas/wind	
00000	body height	
00000	body length (of animal)	

Noun	Meaning	Notes
00000	body weight	
0000	breaking of voice	
	feather/down	
000	wing	

VB.20 Clothing

Table 77: Nouns: clothing.

Noun	Meaning	Notes
	clothes (esp. Western)/clothing/dress/costume	/suit/outfit
	uniform	
000	$singlet/inner\ shirt/buttoned\ shirt$	
T 000	T-shirt (outer shirt)	
000	raincoat	(DD)
0000	Western-style clothes	
	Japanese clothes	
	${\it kimono/Japanese}$ traditional full-length clothing	ng
	yukata/light cotton kimono worn in summer o	r as bathrobe
0000	shorts	
000	pants/trousers	
000	underpants/panties/swimming trunks/women's	s trousers
	shoe/shoes/boots/footwear	
00 0	stark/completely naked/nude	

VB.21 Emotions

Table 78: Nouns: emotions.

Noun	Meaning	Notes
000	$feeling/sensation/mood/state\ of\ mind$	[goo]
00000	good feeling	
00000	unpleasant feeling	
00000	casual	technically an expression
	\bmod/humour	
	$\operatorname{mood/feeling}$	[goo]
	feeling/sense/impression	
	pleasant feeling/good vibes	
	situation/mood/room (esp. $\Box\Box\Box\Box\Box\Box$)	also in Table 101
	${\rm emotion/feeling/feelings/sentiment}$	
	one's inner voice/what one really thinks	
	shiver/tremble/quiver (e.g. cold/fear/rage)	
00000	nervousness/stress/tension/strain; tension (between countries/groups)	also a verb
	troubles/worry/sorrows/anguish/agony	
	worry/anxiety/uneasiness/fear	also a verb
	${\it regret/repentance/remorse}$	also a verb
0000 00	${\it reflection/introspection; regret/repentance/remorse/being } \\ {\it sorry}$	also a verb
000	fighting spirit/motivation/effort	

Noun	Meaning	Notes
	encouragement/spurring/cheering	also a verb
	boast/bragging	also a verb
	${\it effort/exertion/endeavour/hard\ work/striving}$	also a verb
	one's utmost, all of one's strength/energy/efforts	
0000 00	${\it reserve/constraint/hesitation/tact/thoughtfulness; refraining/declining}$	also a verb
	consideration/concern/attention/thoughtfulness/care/trouble	also a verb
0000 00	being emotionally deeply moved/excited/inspired (internal emotions)	also a verb; [goo]
000D 00	$\label{eq:condition} \mbox{deep emotion/impression/inspiration (stronger; with observable behaviour)}$	also a verb; [goo]
	${\it excitement/stimulation/agitation/arousal}$	also a verb
	sexual arousal/excitation	
	tears	
	LOL/haha	slang
	LOL/haha	slang; also in Table 101
	${\rm enjoyment/pleasure/amusement/delight/joy/fun}$	
000 0	interest (in something)	
	$\{{\rm someone/being}\}$ in love with an idol/actor	
0000	blowing one's top/losing it/flipping out	slang
00 0 00000	aloneness/loneliness/solitude	
	happiness	also an adjective
0 00 00	$\label{lem:unhappy/sorrowful/misfortunate/disastrous; bereavement/} \\ \mbox{death (usu. of relative)}$	[HN]
	unhappiness/misfortune/ill luck	also an adjective; [HN]
	sense of security	
	anxiety/uneasiness/insecurity	also an adjective

VB.22 Production

Table 79: Nouns: production.

Noun	Meaning	Notes
οο Π	direction/way/side/area (in particular direction); type/category; one side of comparison; square length	[HN]
	method	SUFFIX [HN] also in Table 74
	way/method/means towards a goal	[goo]
	(a well-reasoned) way/method/process/procedure	[goo]
	tool needed for going towards a goal	[goo]
	way of using something/how to use something	
	usage method/instructions/directions	
	usage instructions/directions for usage/how to use something $$	
0000	congestion/crowd/jam; confusion/disorder	also a verb
000	(opening) bracket/parenthesis	(DD); [SE]
00000	closing bracket/parenthesis	(0000); [SE]
000 0	preparation/arrangements/setup	also a verb
000	$plan/intention; \ assumption/belief/thought; \ estimation$	
	origin/beginning	

Noun	Meaning	Notes
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	${\it start/commencement/beginning/initiation}$	slightly formal, also a verb, [HN]
0000	$\operatorname{start/beginning}$	also a verb
00000	departure/setting off	also a verb
0000	${\it kick-start/put\ into\ effect\ (activity/machine/policy)}$	also a verb
	startup/booting up/activation/launch	also a verb
	the making/production/components of	
00000	$amendment/correction/revision/modification/alteration/\\ retouching/update/fix$	also a verb
	${\it change/variation/alteration/mutation/transfiguration}$	also a verb, in Table 58
	state of transformation	also in Table 74
□ □	evolution/progress/development/improvement	also a verb
0000	${\it development/evolution/progression/unfolding/plot~twist;} \\ {\it expansion~(physical/mathematics)}$	also a verb
0000	(the act of) replacement	
	(the act of) exchange	
	(the act of) replacement of interior contents	
0000	(the act of) exchange of interior contents	
00	remaining unchanged/in the same state	
<v past="">□□</v>	with/while $<$ v past $>$ (e.g. eyes closed/lights on/standing/alive)	$(<\!v\ past>^{\!\!\!\!\square})$
	end/ending/conclusion; it's over	
000000	${\rm end/close/termination}$	slightly formal, also a verb, [HN]
0000	completion/perfection/accomplishment	also a verb
□ □	result/outcome/consequence	
□ □	breakthrough/overcoming a difficulty; exceeding/rising above	also a verb
[0]000	[formal] announcement/unveiling/introduction/debut	
0 00 00	announcement/unveiling/introduction; boast	also a verb
00000	revenue (organisation)	[goo]
0 000	profit (organisation)	[goo]
0.00	profit; benefit/advantage/interests	[goo]
	profit	informal; [goo]
0000	original work	
0 00 0 0	sample/specimen	also in Table 74
oo	text/composition/writing	also in Table 58
00000	writing/composotion/essay/article/passage/prose	also in Table 58
000	summary/aggregation	
000	speech/talk/conversation/topic/subject	
00 000	casual/informal speech/language	slang
0000	chat/chatter/talk	
0000	chatting/idle talk	also a verb
0000	broadcast/program/announcement (TV/radio)	also a verb; [HN]
0000	broadcast/distribution/streaming (Internet)	also a verb; [HN]
00000	advice	also a verb
00000	joke/jest/funny story	
0000	corny joke/bad pun/poor joke	(000)
		. /
000	gag/joke	

Noun	Meaning	Notes
	dirty joke; indecent topic/bawdy subject/sex talk	
	sound	
	music	
	voice (literal and abstract); singing/chirping (of bird/insect)
	song/singing	
	musical performance	also a verb
	sight-reading (music)	also in Table 82
000	piece/composition/song/track	
	original piece/composition/song/track	slang, abbreviation
00 0	stroll	
	dance	
	dancing/jumping for joy	also a verb
00 0	movie/film/motion picture	
000	${\it photograph/photo/picture/snapshot}$	
00 0	journal/magazine	
00000	$\rm story/tale/fable$	also: 00000
	legend/folklore	also: 00000
	tradition	also: 000000
00 0 00	myth	also: □□
0000 00	calculation/computation	also a verb
	work/occupation/employment	
	$\overline{\mathbf{errand}}$	
	retirement (from the workforce)	also a verb
00 0	management/control (act of)	also a verb
000[0]000	membership	
0000	presence in register/records; registration/subscription (YouTube)	also a verb; [goo]
00000	enrolment/admission into a club/society/mailing list	also a verb; [HN]
0 000	becoming a member of (e.g. a group/project)	also a verb; [HN]
0000	with drawal/resignation from a club/society/mailing list	also a verb
0000	stolen goods	
	imitating/copying/mimicry (usu. as $<$ adj $>$ 00000)	
0.00	automatic operation	
0000	manual operation	
00000	marriage proposal	also a verb
0000 00	marriage	also a verb
0000 	adventure/venture; risky venture/attempt	
	${\it care/looking\ after; recommendation/introduction}$	also a verb
00 0 00	cleaning/sweeping/dusting/scrubbing	also a verb; [goo]
0000	cleaning/clean-up/garbage collection	also a verb, literary; [goo]

VB.23 Sports

Table 80: Nouns: sports.

Noun	Meaning Meaning	Notes
	table tennis/ping-pong	
0000	table tennis/ping-pong	

Noun	Meaning	Notes
000000	badminton	

VB.24 Consumption

Table 81: Nouns: consumption.

Noun	Meaning	Notes
0000	${\rm necessity/need/requirement}$	
	price/cost	
[0]0	money	[polite]
	yen (Japanese monetary unit)	
	the act of shopping/purchased goods	
	bill (at a restaurant)	also in Table 93
00	bill/invoice	
00000	charge/billing (for a service)	also a verb; also in Table 82
0.00	examination/test	
	${\rm trial/attempt/test}$	
0000	deletion/elimination/erasure	also a verb
00 D	electricity/electric lamp	
0000	radio control(-led vehicle)	
000	lock	also a verb
0000	intake/ingestion (salt/sugar/pills/food); absorption/assimilation (knowledge/culture)	
0000	second serving	(0000/0000)
	play/playing/game; pleasure/pastime/recreation	
0000	(Western) playing cards	
00000	rock-paper-scissors	
000000	rock-paper-scissors (called out before revealing one's hand)	(0000)00
000	clubs suit	also in Table 92
000	hearts suit	
0000	spades suit	
000000	diamonds suit	also in Table 101
000	tobacco/cigarette/cigar	

VB.25 Interaction

Table 82: Nouns: interaction.

Noun	Meaning	Notes
000	how much (price)	
	free of charge	
00000	fee-charging/paid/not free	
00 O	attitude/manner/behaviour/demeanour/bearing; position/stance (towards an issue)	
[0]00	wish/desire/hope; request/favour	[polite]; also an interjection
	aid/assistance/help/support; cheering/rooting for	
	written application	SUFFIX
00000	request/application; claim	also a verb; also in Table 81
000	thanks/gratitude/appreciation	also a verb

Noun	Meaning	Notes
	great thanks/gratitude/appreciation	also a verb
000 0	appreciation/recognition/praise	also a verb; also in Table 90
	thanks/gratitude	polite
0.00	hope; expectation/wishes	
0000	earnest desire/eager hope/yearning	also a verb
	despair/hopelessness	
0000	exchanging (of letters/conversation); giving and taking ($\square\square$ + $^{^{^{\square}}}$	
0000	order/command/decree/directive; instruction/statement (computing)	also a verb
0000	priority/precedence/preference	also a verb
000 	emotional ties/bonds/relationship/connection	
0000	difficulty/hardship/trouble/distress	
0.00	trouble/hardship/difficulty/toil/pains	also a verb
0 00 	name	
0000	existence/presence	
0000	${\it relationship/connection; participation/involvement/concern; influence/effect}$	also a verb
0000 \[\subseteq \subseteq \text{ (a) } \text{ (b) } \text{ (c) } \qu	connection/relation/relevance	also a verb
0000	first sight/meeting	also in Table 79
0000	$making\ contact/communication/call/message$	also a verb
	$contact\ information\ (e.g.\ address/phone\ number)$	
□ □	phone/phone call	also a verb
000000	email address	
0000	personal computer (PC)	
000000	laptop computer ("notebook personal computer")	
 00	reply/answer/response	also a verb
0000	confession (of a crime/wrongdoing/romantic feelings)	also a verb; [goo]
0 00	confession/admission (when questioned)	also a verb; [goo]
□ □ □	confession/admission (when questioned)	also a verb; [goo]
00 0 00	arrest/capture	also a verb
0.00	chance/opportunity	also: DDDD
0.00	case/occasion/situation/circumstances	
□ □ □	event/accident/case/plot/trouble/scandal	
0 0 00	accident/incident/trouble	

VB.26 Society and culture

Table 83: Nouns: society and culture.

	Table 601 I to allo i boolety (
Noun	Meaning	Notes
	economy	
	geography	
000	history	
00 0	politics/government	
00	${\it government/administration/minsitry}$	
00000	business/trade/operations	
0000	company/corporation/firm; one's work	place

Noun	Meaning	Notes
	international	
	Asia	also: 0000000
	China	
	Japan	pronunciation: no consensus
	Japan	pronunciation: no consensus
	Korea	
00000	Singapore	
	United Kingdom/Britain	
	America/USA	also: 0000
	foreign/abroad/overseas	
	foreign/imported	
00 0	language	
	mother tongue/native language	
	mother tongue/native language/language of one's country	
00000 0	Chinese language	
	Japanese language	
0000 0	Korean language	
	English language	
00 0 00	peace/harmony	
00000	equality/impartiality	also an adjective
00 0 00	culture/civilisation	
000	animation/anime	

VB.27 Health

Table 84: Nouns: health.

Noun	Meaning	Notes
	life/life force; most important thing/core	
0000	life/existence; one's working life/career; life/life force	
0000	one's life	
0000	reason for living/purpose in life	(0000)
	consciousness	also a verb
	unconsciousness; the unconscious	also an adjective
	${\rm mind/spirit/soul/heart;\ attitude/mentality}$	
00000 0 00	mental anguish/distress;	
	mental illness/psychosis	
00000	physical condition/state of health	
00 0	health/vigour	also an adjective
0000	health	also an adjective
	sweat/perspiration	
	cold sweat	
	tiredness/fatigue	
	fatigue/weariness/exhaustion/tiredness	also a verb
	empty stomach/hunger	
000000	full stomach	also an adverb
000 0	illness/disease/sickness	also an adjective
	pain/agony/suffering/distress/torment	
	pain/ache/soreness/grief/distress	

DD	y system $ \stackrel{^{\varpi}}{(\square)} $ also an adjective
acute (illness) chronic (illness) common cold/flu/influenza/inflammatory respirator illness (generic) phlegm/sputum safety/security	(")
chronic (illness) common cold/flu/influenza/inflammatory respirator illness (generic) phlegm/sputum safety/security	(")
illness (generic) phlegm/sputum safety/security	(")
□□ safety/security	
□□ safety/security	also an adjective
	and an adjective
0-1	also an adjective
	also an adjective
$\hfill\Box\Box$ the unexpected/emergency	$(\Box\Box)$; also an interjection
Carbon monoxide poisoning	
hospital/clinic/doctor's office/doctor's surgery/infirm	mary
□□ rest/vacation	
\Box afternoon nap	
\Box free time/time off/leisure	also an adjective
dream	
\square nightmare	
\square	
$\square\square\square$ sunbathing/basking in the sun	also a verb
\fill yuzu bath/hot citron bath	(000)
spring break/vacation	
□□□ summer vacation	
\square autumn break/vacation	also: \Box
©COD	
\Box Japanese equivalent of CN's mid-autumn festival (\Box	الم
© festival	
\square sleepiness/drowsiness	
□□ sleeping bag	

VB.28 Disasters

Table 85: Nouns: disasters.

Noun	Meaning	Notes
	earthquake	
0000	typhoon	

VB.29 Colours

Read the main article on CTA.

Only four colours were recognised as basic colours in ancient Japan: red, blue, white, black. Blue and green used to be both referred to as \Box .

Colours are often used as labels, together with the \square particle.

Table 86: Nouns: colours.

Noun	Meaning	Notes
	red (1, 0, 0)	also: 000
□ [□]	orange $(1, 0.64, 0)$	also: 0000

Noun	Meaning	Notes
	yellow $(1, 1, 0)$ /amber $(1, 0.75, 0)$ (midpoint of yellow and orange)	also: 0000
0000	beige	
0 000	yellow-green	
	green $(0, 1, 0)$	also: DDDD
0000000	dark green	
αα Π	blue $(0, 0, 1)$; green when used in compound words (fruits/plants/traffic lights)	also: 000
	dark/navy blue	
	tea green/soft yellow-green	
0000	blue $(0, 0, 1)$	
0000 0	light blue	
0000 0 0	navy/dark blue	also: 0000/0000
0000 00 [0]	purple $(0.5, 0, 0.5)/violet (0.5, 0, 1)$	also: DDDD
	white $(1, 1, 1)$; innocent; blank (space)	
0000 	white $(1, 1, 1)$	
0000	grey	also: 000/000
ao	black $(0, 0, 0)$; guilty	
0000	black $(0, 0, 0)$	
0000	pink	also: DDD
00 00 0[0]	brown	
000000	reddish brown	
000000	light/pale brown	
000000	deep brown	
	dark/olive brown	
	silver	also: 0000
	gold	also: 0000
	rainbow-coloured	
	seven/prismatic colours (of the rainbow)	
	monochrome; black and white; good and evil/right and wrong	[WDC]
	black and white; good and evil/right and wrong	[WDC]
0000	black-and-white television	
0000	leaves turning red in autumn; autumn colours; autumn leaves ("red leaf")	also a verb
0000	leaves turning yellow in autumn; autumn colours; autumn leaves ("yellow leaf") $$	also a verb

VB.30 Shapes

Table 87: Nouns: shapes.

Table Of. From Shapes.		
Noun	Meaning	Notes
	circle	
0000	round (shape/repetition)	
00000	triangle	[HN]
	cross	
	heart shape	
	heart shape (mold)	
	overlapping/multilayered/doubled (e.g. of flower petals)	[goo], [Wiki]

VB.31 Agreeability

Table 88: Nouns: agreeability.

Noun	Meaning	Notes
0000	likes and dislikes/preferences; pickiness/choosiness/fussiness (esp. food) $$	
0000 000 0000	approval/agreement/support objection/opposition/resistance/dissent	also a verb
0 0 00000 0000	splendour/magnificence/beauty first class/top-ranking	
0000	$something\ unthinkable/unexpected/outrageous/offensive$	abbreviation of
000	right and wrong/good and evil	

VB.32 Appearance and style

Table 89: Nouns: appearance and style.

Noun	Meaning	Notes
0000	good-looking/handsome/cool guy	
	beautiful girl	
00000	distinguishing feature	[goo]
	$strong\ point/forte/merit/strength$	
	superior feature	[goo]
0 000	charm/attraction/appeal	
	${\rm charm/appeal/uniqueness/attractiveness}$	also in Table 98
00000	charm/attractiveness; courtesy	
	smell/scent/flavour/mood	
	odour/stench	
000	thin/slim/skinny; barren/infertile/sterile	from DDD
	plump/fat/chubby	$\text{from } ^{^{^{^{^{^{^{^{^{^{^{^{^{^{^{^{^{^{^$
0[0]000	old/aged (person)	[HN]

VB.33 Ability

Table 90: Nouns: ability.

Noun	Meaning	Notes
00000	ability	
	force/strength/power	
	territory/domain/expertise; field/area/region	
	experience	
0000	independence/self-reliance	also a verb
0 0000	potentiality/likelihood/possibility/chance	
	coincidence/chance/accident	also an adverb
0000	inevitability/necessity	
	reception/popularity/reputation	
000 0 0	${\rm rating/valuation/appraisal/evaluation/assessment}$	also a verb; also in Table 82
00000 0	${\it revaluation/reassessment/reappraisal/reevaluation}$	also a verb
00000 0	high rating/good reputation	
00000 0	low rating/bad repuation	
000	success/hit	

Noun	Meaning	Notes
	success/achievement	also a verb
	failure/mistake/blunder	also a verb

VB.34 Personalities

Table 91: Nouns: personalities.

Noun	Meaning	Notes
	popularity/public favour	
0000 0	high popularity/public favour	
	anonymous/nameless; not famous	
00000	person of firm character/stable person/gutsy person	
	self-confidence	
0000	normally cold but at some prompt suddenly lovestruck/hot-cold personality type (0000 + 0000)	slang
0000	acting in different while lovestruck ($\square\square\square$ + $\square\square\square\square$)	
0000	person with an unhealthy romantic obsession ($\stackrel{\circ}{\square} = \square \square \square \square$)	

VB.35 Education and correctness

Table 92: Nouns: education and correctness.

Noun	Meaning	Notes
	${\it education/training/upbringing}$	
	${\rm lesson/class/teaching/instruction}$	
	study/diligence/hard work	also a verb
	practice/train/drill	also a verb
0 000	self-study	also a verb
	study/learning/tutorial	
	way of learning/studying/mastering	
00000	teaching materials	
	question/enquiry	also a verb
0000	problem/question	
00000	homework/assignment	
	riddle/puzzle/enigma/mystery	
0000	ridle/puzzle/enigma	
	answer/reply/response	
	explanation	also a verb
	reason/cause; meaning	
	reason	
	cause	
	$correct\ answer/interpretation/decision/judgment$	
	understanding/comprehension/agreement	also an interjection, verb
	$understanding/comprehension/appreciation; \ sympathy$	also a verb
	similar/same/identical/equal/uniform/equivalent	
00000	approximately the same	actually an expression
0000	same/similar/just like/equal	
	${\it difference/distinction/discrepency/miss\ (nuance:\ wrong)}$	[HN], [SE]
	${\it distinction/difference/discrimination\ (nuance:\ another)}$	[SE]

Noun	Meaning	Notes
	$incorrect\ answer/solution/interpretation$	
	mistake/error/errata/blunder; accident/mishap	
	mistake/error/blunder; accident/mishap	
	misunderstanding (objective concept)	also a verb; [goo]
0000	erroneous assumption/thought illusion/misunderstanding/ $$ mistaken idea	also a verb; [goo]
	mistaken idea/misconception ("thoughts different")	also a verb; [goo]
000 0 00	imprudence/mistaken idea that is a misbehaviour (used disapprovingly in criticism) $$	[goo]
0 0000 DDD	club/extracurricular activities	
0 00 00	club/extracurricular activities (abbreviation)	
	club/extracurricular activities	
000	club; nightclub; sports club; golf club	$(\square\square\square)$; also in Table 81
	school trip/field trip/excursion/outing	

VB.36 Academic fields

Table 93: Nouns: academic fields.

Noun	Meaning	Notes
	mathematics	
	science	also: 00000
	geography	
00 0 00	history	
	economics	
	accounting/finance	also in Table 81
	engineering	
	computer science	also: 0000000000
	information engineering	

VB.37 Knowledge, truth and reality

Table 94: Nouns: knowledge, truth and reality.

Noun	Meaning	Notes
	thought	
00000	information/news/intelligence	
00000	${\it news from someone; someone's whereabouts/movements}$	
	news; notice/notification	
	notice/notification	polite
	provision of information	
000000	state of affairs/situation/circumstances (neutral, broader usage) $$	[HN1], [HN2]
0 00 00	immediate situation/present state of affairs (usually negative)	[HN1], [HN2]
0 000	${\it circumstances/conditions/matters~(used~to~explain~context/\\ {\it decision/event)}}$	[HN]
o oo	knowledge/information	
□ □ □□	meaning/sense/significance	
000	fundamenatals/the ABCs of	
	the known/established	
	the unknown	

Noun	Meaning	Notes
000 0	$knowledge/awareness;\ acceptance/consent/compliance/\\ acknowledgement$	also a verb
000	knowledge/awareness	honorific
	rejection/refusal/declination; permission/consent; notification/notice	
	${\it rejection/refusal/declination; announcement/notice}$	polite
	origin/source/history/derivation	also a verb
0000	genuine article/real deal	
0000	truth	[HN1], [HN2]
□ □ □	fact	[HN]
0000	reality	[HN]
0000	actuality/in practice (compared to expectation/theory) (usu. as $\square\square\square$ or $\square\square\square$	[HN]
0 00 0	ideal/ideals	
0000 D D	official	
0000	fake article/forgery/counterfeit/imiation	
	lie/fib/falsehood	also an interjection
0 0000 000	unofficial	
0000	delusion; wild/ridiculous/baseless fantasy	
0000	general/universal/ordinary/average/common	
	ordinary/common/usual	(\Box) ; also an adverb
00000	usual/ordinary/normal/regular/general/common	also an adverb
□ □□	usual/normal/everyday/habitual/ordinary	also an adverb
0000	observation/survey/watching	also a verb
00000	research/study/investigation	
0000	hunt/exploration/investigation/search/lookup	also a verb
0000	experiment/experimentation	also a verb
0000	analysis	also a verb
0000	report/information	also a verb
00000	$\operatorname{proof/testimony}$	also a verb
0000	confirmation/varification/validation/check	also a verb
0000	discovery/detection/finding	also a verb
0000	invention	also a verb
0000	decision (clear)	also a verb; [goo]
00000	$\{ informal/internal/unofficial \} \ \{ decision/offer \ (e.g. \ job) \}$	also a verb; [goo]
00 0 0000	formal/official final decision	[goo]
o oo □□	not decided/not yet fixed/undecided/pending/TBC	also an adjective; [goo]
0000	predetermined/prescribed/designated/fixed in advance	[goo]
0000	provisional/tentative decision	[goo]
□ □ □ □	plans/arrangement/decision made in advance	[goo]
0.00	${\it decided/established/fixed/prearranged/predetermined}$	[goo]
0000	decision (strong)	also a verb; [goo]
0000 0	decision	also a verb; [goo]
0000 0	judgment	also a verb; [goo]
	judgment	literary [goo]
0000 DD	verdict/ruling/judgment (of judge/referee)	also a verb
0000	assertion/declaration/conclusion	also a verb; [goo]
	hidden/concealed/unknown/crypto-	PREFIX

Noun	Meaning	Notes
	covering up/concealment/hiding/suppression	also a verb
0000	secret (in/out-group, personal level)	[HN]
	secret (official/corporate/country)	childish; [HN]
	secret/secrecy	also a verb
 	$sure/certain/confident; \ reliable/trustworthy/accurate/correct/\\ exact$	also an adverb
0000 DD	trust/confidence/reputation (past)	also a verb; [SE]
0000	$trust/confidence/reliance/faith\ (future)$	also a verb; [SE]
	doubt/question/uncertainty/skepticism/suspicion/distrust	

VB.38 Courtesy

Table 95: Nouns: courtesy.

Noun	Meaning	Notes
00	${\rm good/advantage/benefit/welfare; \ sake/purpose/objective/aim}$	(\Box) ; also an adverb
00000	etiquette/politeness/courtesy/good manners	
	foul/abusive language	
	discourtesy/impoliteness	also a □-adjective
	${\it rudeness/discourtesy/insolence\ (stronger)}$	also a $\square\text{-adjective}$
	disregarding/ignoring	also a verb
0000	trouble/bother (when there's too much to do)	[HN]
0000 00	$trouble/bother/annoyance/nuisance/inconvenience \ (to \ other people)$	[HN]
	waiting time/latency/queuing time	
	fastest	

VB.39 Conflict and resolution

Table 96: Nouns: conflict and resolution.

Noun	Meaning	Notes
	tactics/strategy; military operation	
	decisive battle/deciding match	also a verb
	attack/assault/offence	
	war	
	battler/fight/combat	
0000 0	great war/battle; world war (abbreviation)	
a aaaaa 0000	world war	
	World War I	
	World War II	
00000000	waiting to see one's opponent's move/playing a waiting game	
000	waiting to see one's opponent's move before making your move (disallowed in games); holding back until the last minute	also a verb
	win/victory (personal)	
000 D	win/victory (larger scale)	also a verb
	loss/defeat (personal)	
0000	loss/defeat (larger scale)	also a verb
0000	$complete\ defeat/destruction/annihilation/failure$	also a verb

Noun	Meaning	Notes
	injustice/unfairness/wrongdoing/dishonestly/illegality/fraud	also an adjective
	threat	
	${\it quarrel/brawl/fight/squabble/scuffle/argument}$	also a verb
	${\it dispute/quarrel/disagreement}$	
000	patience/endurance/bearing with something (usu. $\fill \fill \fil$	
	apology/excuse	
	apology	also a verb
	pardon/forgiveness; giving someone a break	also a verb
0000	$vigilance/caution/alertness/precaution/being\ on\ guard$	also a verb
	${\it responsibility/duty/obligation}$	
	duty/responsibility	
	${\rm mission/task/role/duty/function/office}$	
<label>000</label>	<label>'s fault; consequence of <label></label></label>	
000 00	${\it promise/agreement/arrangement/contract/pact;} \\ {\it appointment/date}$	also a verb
	crime/offence	
	interrogation/questioning	also a verb
	punishment/penalty	also a verb
□ □ □	suicide	also a verb

VB.40 Weapons

Table 97: Nouns: weapons.

Noun	Meaning	Notes	
	weapon/arms/ordnance		
	blade/sword		
	sword (esp. Japanese single-edged)		
	sword (esp. double-edged); blade; bayonet		

VB.41 Taste and texture

Table 98: Nouns: taste and texture.

Noun	Meaning	Notes
	(common/table) salt	
	flavour/taste (literal/abstract (e.g. victory))	also in Table 89
0000	springy texture/elastic	
000000	shaking like a jelly/jellylike	

VB.42 Amounts and sizes

Table 99: Nouns: amounts and sizes.

Noun	Meaning	Notes
	prefix for forming ordinal numbers	PREFIX
	too much/over- (e.g. eating)	SUFFIX, also in Table 71
00	super-/ultra-/hyper-/extreme	PREFIX
0000	${\it trivial/insignificant; worthless/not worth bothering with/} \\ useless/good-for-nothing$	(000)

Noun	Meaning	Notes
	smallest/minimum	
	${\it biggest/maximum}$	
	fewest/least/smallest number of/minumum	
	${\rm most\ (numerous)/largest\ number\ of/maximum}$	
000	whole/entirety	[goo]
	portion/section/part	
	half	also an adverb
00000	hundred points/perfect mark	
0.00	case-by-case/separate/individual	
	$individual/personal/private\ person$	
0000	all members/everyone	also an adverb

VB.43 Creatures and divinity

Table 100: Nouns: creatures and divinity.

Noun	Meaning	Notes
	god/deity/divinity/spirit	
	goddess/female deity	
	heaven; God; sky	
	angel	
	devil/demon	
	${\it ghost/spectre/apparition/phantom}$	
000 00	${\it ghost/apparation/phantom/spectre/demon/monster/goblin/} youkai$	
0000	phantom/vision/illusion	
	monster	
	demon/ogre/oni	
00	taking on another form/disguising one self (esp. by spirits/ foxes/racoon dogs in folklore) $$	(00)
000	ghost; goblin/monster/demon	
	monster/goblin	
	heaven	
	hell	
00/00	shrine maiden	[YJ]
	chief priest (Shinto)	
0.000	seal stamp at shrines and temples	
	${\rm charm/amulet/talisman}$	
000000	hail Amitabha Buddha	

VB.44 Nature

Table 101: Nouns: nature.

Noun	Meaning	Notes
	grass/weed/herb	also in Table 78
	flower/blossom/bloom/petal	
000 	cherry tree/cherry blossom	
00000	mountain cherry	
0000	full bloom (esp. of cherry blossom)	also a verb

Noun	Meaning	Notes
	bamboo	
0000	bamboo forest	
	tree/shrub/bush; wood/timber	
000 	$woods/forest/grove; \ bunch/cluster/collection \ of \ something$	
	forest	
0000	forest woods	
	mountain/hill	
	mountains/hills	
	desert	
	stone (small); jewel/precious stone; flint (in a lighter)	
	rock/boulder (large)	
0000	raw/unpolished ore/gemstone	
	${ m gem/jewel/precious\ stone}$	
000[000]	diamond	also in Table 81
00 0	air/atmosphere	also in Table 78
	the sky	
	blue sky	
	${\rm wind/breeze/draught}$	
	cloud	
	dark clouds	
	dark clouds; threatening signs/ominous indications	
	thundercloud	
000	mist; haze (esp. in Spring)	
	sea/ocean	
	light	
	${\it sunlight/sunshine/sunbeams}$	
	${\rm moonlight/moonbeam}$	
	fireworks	
	water	
	waterfall	
	weather	
	rain	
	rain shower in late autumn/early winter; seasonal rain	
	seasonal rain/rain in late autumn–early winter	
	snow	
	rainbow	
	element (chemical/classical (e.g. earth/water/air/fire))	
00 0 00	hydrogen	
00 0 00	carbon	
00 0 00	oxygen	
0000 0 00 0	carbon monoxide	
00000	carbon dioxide	
	flame/blaze; passion/flames (of intense emotion)	
0000	lightning/thunder/thunderbolt; god of thunder/lightning	

VB.45 Cosmic

Read the main article on SM. Read the differences between cosmic rocks at AMS.

Table 102: Nouns: cosmic.

Noun	Meaning	Notes
	star (excluding the Sun); planet (excluding the Earth); heavenly body	
	constellation; astrological/zodiac sign	
0000	comet (frozen gas/ice/dust)	
00000	meteor/shooting star (light emitted from meteoroid/asteroid as it enters Earth's atmosphere)	
000000 000	the solar system	
	the Sun	
	the Sun	
	the Sun	children's language
	the Moon	
	the Moon	children's language
	moon viewing (eighth lunar month)	
00000	solar eclipse (sun is eclipsed (blocked) by the moon)	
	total solar eclipse	
	partial solar eclipse	
00000	lunar eclipse (moon is eclipsed (blocked) by the Earth)	
0 0000000	partial lunar eclipse	
0000 0	Mercury	
	Venus (yellowish)	
	the Earth	
	Mars (reddish)	
	Jupiter (wood colour)	
	Saturn (earth colour)	
	Uranus (sky/light blue, sky king)	
	Neptune (sea/mid blue, sea king)	
00000	Pluto $(\Box$: dark)	
0 000 0 0	universe/cosmos/space	
	the world/the universe/society	
	another world (esp. fiction)/parallel universe	
00 0	galaxy	
00 0 00	galactic system	
000[00]	the Milky Way (galaxy name)	
0000 00	fate/destiny	

VB.46 Physical units

Table 103: Nouns: physical units.

Noun	Meaning	Notes
000/0	page	
0000/0	point	
00000/0	percent	
0000000	angstrom (1 Å = $1 \cdot 10^{-10} \mathrm{m}$)	
0000/0	micron (micrometre)	
0000/0	metre	
000/0	inch	
0000/0	feet $(1 \text{ ft} = 12 \text{ in})$	

Noun	Meaning	Notes
000/0	yard (1 yd = 3 ft = 36 in)	
000000/0	kilometre	
000/0	mile $(1 \text{ mi} = 1760 \text{ yd} = 5280 \text{ ft})$	
00/0000000	nautical mile (1 nmi = 1852 m)	
0000	square metre	
00000/0	hectare $(1 \text{ ha} = 10000\text{m}^2 = 0.01\text{km}^2)$	
0000	square kilometre $(1\mathrm{km^2} = 1000000\mathrm{m^2})$	
0000/0	acre (1 ac = 4840 sq yd = 43560 sq ft = $\frac{1}{640}$ sq mile)	
000/0	hertz $(1 \text{ Hz} = 1 \text{ s}^{-1})$	
000/0	$knot (1 kt = 1 nmi h^{-1})$	
000/0	mach (multiple of speed of sound)	
000/0	gram	
00000/0	kilogram	
00/0	ton	
, 0000 00000000	cubic centimetre	
0000/0	litre $(1 L = 1000 \text{cm}^3 = 0.001 \text{m}^3)$	
000/0	gallon (there's a US one and a UK one, both $\lesssim 5\mathrm{L})$	
	cubic metre	
0000	joule $(1 J = 1 \text{ kg m}^2 \text{ s}^{-2}; W = F \cdot s; F = ma)$	
0000/0	calorie ($\approx 4.184 \mathrm{J}$)	
0000/0	megaton (TNT equivalent)	
00000	kilowatt hour (kW h)	
000/0	watt $(1 \text{ W} = 1 \text{ J s}^{-1}; P = \frac{E}{t})$	
00000/0	kilowatt	
0000/0	ampere	
0000	coulomb $(1 \text{C} = 1 \text{A s}^{-1})$	
000/0	volt $(1 V = 1 J C^{-1}; V = \frac{E}{Q})$	
000/000	ohm $(1 \Omega = 1 \text{ V A}^{-1}; R = \frac{V}{I})$	
00000/0	farad (capacitance; $1 \mathrm{F} = 1 \mathrm{C} \mathrm{V}^{-1}$)	
00 0 00	Celsius/centigrade	also: DD
00 0 00 0	degrees Celsius	
	Japanese yen	
000/0	cents	
00/0	dollar	
000/0	Chinese yuan	
00/0	giga-	
00/0	mega-	
00/0	kilo-	
00/0	deci-	
000/0	centi-	
00/0	milli-	
, 0000/0	micro-	
00/0	nano-	
00/0	pico-	
0000/0	alpha	
000/0	beta	
000/0	gamma	
	0	

VB.47 Hygiene

Table 104: Nouns: hygiene.

Noun	Meaning	Notes
000/000	poop	
	${\it feces/excrement/dung/damned/blasted/stupid}$	(\Box)
00/00	${\it trash/rubbish/garbage/refuse}$	(\Box)

VB.48 Common names

Table 105: Nouns: common names.

Noun	Meaning	Notes	
	Suzuki (last name)		
0 00 0 0	Tanaka (last name)		
00 0 0 0	Yamada (last name)		
	Kaga (last name)		
0000	Ichirou (first name)		
00 D	Naoko (first name)		
	Mie (first name)		
	Tomoko (first name; female)		
0000	Yousuke (first name; male)		

VB.49 Character names

Table 106: Nouns: character names.

Noun	Meaning	Notes
	Hu Tao	(000)
000000 0	Kamisato Ayaka	
0000	Yae Miko	

VC (adjectives)

VC.1 Emotions

Table 107: Adjectives: emotions.

Adjective		Meaning	Notes
000000		moving/touching/stirring	
000		happy/glad/delighted	
 000		fun/enjoyable/happy	
000		desired/wanted	
<v te="">□□□</v>		I want you to do $<$ v $>/$ I want $<$ v $>$ done	AUX
0000		${\it eager/enthusiastic/excited/spirited/energetic}$	(0000)
0000		happy/auspicious/joyous	$(\Box\Box\Box\Box)$; also in Table 115
00000		for congratulations/worthy of celebration/auspicious (occasion/ending/etc.)	(
0000		$important/significant; \ precious/cherished/beloved$	also an verb, adverb
 000		lovely/dear/beloved/darling/dearest	
0 000		precious/dear/valuable	also in Table 112
00 000		sad/miserable	
0 00000		${\it embarrassed/ashamed/humiliated}$	
 0000		${\it nostalgic/fondly-remembered/missed}$	
00 000		lonely	
0000		${\it remorseful/sorry/apologetic/conscience-stricken}$	also an interjection, also in Table 112
0 00		feel bad/sorry/regretful/regret	also in Table 113
000 0 0 000		uninterested in/having no interested in	
000		regrettable/disappointing/unfortunate/a pity	also in Table 112
0000		${\it regrettable/unfortunate/disappointing/vexing}$	
 000		frustrated/annoyed/bitterly disappointed (over failure/injustice)	
000 0 000		envious/jealous; enviable (position)	
		psychologically painful/distressing/stressful; difficult/ struggling (circumstances)	
		painful/heart-breaking/difficult (emotionally); tough/hard/harsh (situations)	(□□ ≠ □□)
00 00		painful/sore; [cringy/embarrasing]	[slang]
0000		tense/strained/"smelling of gunpowder"	also in Table 120
		sleepy/drowsy	
0000		relieved	
000		pleasantly warm	
		hot	
		cold (weather)	also in Table 113
0 00 000		chilly/a little cold	
00 00		hot (to the touch); emotionally passionate/zealous/ enthusiastic; hot-tempered	also in Table 113
oo 000		cold/chilly/icy/freezing (to the touch); emotionally cold/unfriendly/distant	
0000		cold/unsympathetic/heartless/unfriendly	
 00		distant/aloof/estranged	also in Table 114
00 00 0 0000	0	ungenerous/poor in spirit/with no great feelings	

VC.2 Production

Table 108: Adjectives: production.

Adjective	Meaning	Notes
	automatic	

VC.3 Consumption

Table 109: Adjectives: consumption.

Adjective	Meaning	Notes
00000	easy to use	(0000)
0000	easy to see	(000)
00000	easy to read/legible	(0000)
00000	easy to drink/swallow	(0000)
000000	easy to understand	(0000)
00000	easy to learn/remember	(0000)
00000	comfortable/convenient to live in (of a neighbourhood)	(0000)

VC.4 Health

Table 110: Adjectives: health.

Adjective		Meaning	Notes
00000 0		alright/problem-free/without fear	
0000		healthy/fit; wholesome	also a noun
000		unconscious/involuntary/unintentional	
		mental/spiritual/emotional	
		lively/well/in good health	
		all right/fine/OK	slang; also in Table 115
000 0		illness/disease/sickness	
0.00			,
		anxious/uneasy/insecure	also a noun
		anxious/uneasy/insecure free/available/not busy/unoccupied/idle	also a noun; [JS]
00		, , ,	
00		free/available/not busy/unoccupied/idle	
		free/available/not busy/unoccupied/idle busy/occupied/hectic	
00 00 0 00 0000 0000	0	free/available/not busy/unoccupied/idle busy/occupied/hectic very busy	also a noun; [JS]

VC.5 Colours

Read the main article on CTA.

Only four colours were recognised as basic colours in ancient Japan: red, blue, white, black. Blue and green used to be both referred to as $\Box\Box$.

Table 111: Adjectives: colours.

Adjective	Meaning	Notes
	red	
	blue; green (for fruits/vegetables/traffic lights); inexperienced	
	black	also in Table 112
	white	

Adjective	Meaning	Notes
0.00	yellow	"□□" is invalid
	brown	"□□" is invalid
	brownish	

VC.6 Agreeability

Table 112: Adjectives: agreeability.

Adjective	Meaning	Notes
00	non-existent/not being there	(00)
00/00/00	${\rm good/nice/agreeable/OK}$	[MK]
0000	${\rm good/OK/all\ right/fine/very\ well/will\ do/may/can}$	$(\square\square\square)$; honorific
00000	pleasant/good feeling	also an expression
	${\rm nice/splendid/lovely/wonderful/fine}$	also in Table 121
000	amazing/great/wonderful/terrific	
00000	wonderful/splendid/magnifcent	
	lovely/wonderful/fantastic/superb/nice/cool	
	excellent/remarkable	also in Table 113
000	terrific/amazing/cool ("damn!")	colloquial, slang; also: $\square\square\square$
000	too good for/deserving better	also in Table 107
	unobjectionable	also an expression
	bad/poor/undesirable/at fault (says served)	also an interjection, [goo]
000	$bad\ taste/unpleasant/awful/problematic/unfavourable\ (says\ server)$	[goo]
0000	awkward/embarrassing/uneasy	
00/00	not good/hopeless; cannot/not allowed	□□ is informal, [HN]
oo D	reluctant/disagreeable	
00000	unpleasant/disagreeable/nasty	
0.00	unpleasant/displeasing/discomforting	
00000	disgusting/gross/revolting/unpleasant/bad feeling	
000	disgusting/gross (abbreviation)	slang
0 00000 0 0 0 0	weird/disgusting/sickening	
0000	gross/disgusting/sickening (abbreviation of $\Box\Box\Box\Box\Box$)	slang; also: DDDD
000	awful/crazy/unhinged ("damn!")	colloquial, slang; also: $\square\square\square$
00 0 0000	${\it cursed/damned/accursed}$	
00000	unthinkable/ridiculous/absurd	($\Box\Box\Box\Box\Box$); also in Table 114
000000	$unthinkable/unexpected/absurd/outrageous/preposterous/\\terrible$	also an interjection
	likeable/favourite	
00 0 000	strongly liked/loved	
000 0 00	very interesting/of great interest	
00	disliked/hated	
0000	strongly disliked/hated	
0000	safe/secure	also a noun
000	acceptable/fine/OK; in time (for)	
	scary/frightening/eerie/dreadful	
 0000	dreadful/terrifying/frightening/terrible; starling/surprising	
0 00	dangerous/hazardous	also a noun; [HN]
00 000	dangerous/risky	also an interjection; [HN]

Adjective		Meaning	Notes
000		dangerous/risky ("damn!")	colloquial, slang; also: □□□
0000 DD	000	best/finest; highest/maximum	
00000		best/ideal	
00000		high class/calibre	
0000	000	worst/awful/nasty/disgusting; lowest/minimum	
0000		worst (e.g. situation)	
00000		low class/calibre; vulgar/cheap	
		evil/wicked	
0000		in excusable/unjustifiable/unpardonable	$(\begin{subarray}{c} \begin{subarray}{c} \be$
0000		natural/obvious/common/ordinary/the norm	
000000		natural/reasonable/obvious	
0000		${\it natural/right/proper/just/appropriate}$	also an adverb
0000		appropriate/suitable/befitting/proportion ate	also a verb, adverb; also in Table 121
<v past="">00000</v>		had better <v past=""></v>	(0000)
<v neg="">00000</v>		had better not $\langle v \rangle$	
00000		there's no other way/can't be helped; hopeless/anoying/troublesome/awful	
0 00 0000		there's no other way/can't be helped; hopeless/anoying/troublesome/awful	
$<$ nn/adj/v te> \square		cannot help but $<$ nn/adj/v te>	
$<$ nn/adj/v te> \square		cannot help but $<$ nn/adj/v te>	
<nn adj="" te="" v="">0</nn>		it's no use <nn adj="" te="" v="">/useless/no good/insufficient/not enough</nn>	
$<$ nn/adj/v te> \square		it's no use <nn adj="" te="" v="">/useless/no good/insufficient/not enough</nn>	
00000		cannot help/hold back/suppress (laughing/feeling sympathy/tears/anger/etc.)	

VC.7 Appearance and style

Table 113: Adjectives: appearance and style.

Adjective	Meaning	Notes
$<\!\mathrm{adj/v\ stem}\!>\!\square\square$	having the appearance of/seeming that	AUX
<nn $>$ 000 $/$ 00	<nn $>$ -ish $/$ -like	SUFFIX
<nn v="">000</nn>	-like/sort of/similar to/resembling	SUFFIX
<>000	seeming/appearing $< >$ (judgment based on evidence/reason/trustworthy hearsay)	AUX
<nn/adv/adj stem $>$ 000	$<\!\!\mathrm{nn/adv/adj}$ stem> -ish/typical of/becoming of/appropriate for/worthy of	SUFFIX
0000/00000	this kind (closer to speaker)	(00000)
0000/00000	this kind (closer to speaker)	$(\Box\Box\Box\Box\Box)$; formal
0000/00000	this kind (closer to listener)	
0000/00000	this kind (closer to listener)	$(\Box\Box\Box\Box\Box)$; formal
0000/00000	this kind (distant)	
0000/00000	this kind (distant)	$(\Box\Box\Box\Box\Box)$; formal
0000	cute/adorable/charming/lovely/pretty	

Adjective	Meaning	Notes
00000	lovely/sweet/pretty/cure/adorable	
00000/00000	cool/attractive/stylish	(0000/0000)
	pretty/beautiful	
	${\it beautiful/pretty/lovely/sweet/pure\ (heart/friendship)}$	
0 00000	${\it charming/fascinating/attractive}$	
00 0	neat and clean/tidy/trim	
00 0	impressive/praise worthy/splendid/handsome/well-rounded	
0000	tall (of a person)	
0000	perfect/complete/flawless	
	perfect/complete	
00000	unattractive/ugly/unstylish/uncool	
	ugly/unattractive/unsightly/disgraceful/dishonourable	
0000	short (of a person)	
	manly/masculine	
	womanly/feminine/ladylike	
0000	muscular/brawny	also an adverb
0000	fair-skinned/ light-complexioned	
0000	dark-skinned	
000	clean/tidy	(DD)
0000	fresh	
	dirty/filthy/messy/untidy/vulgar	
000000	disorderly/chaotic/messy	also an adverb
	smelly/stinking	also in Table 112
$<$ nn/adj/v $>$ \Box \Box	smelling of/appearing like	SUFFIX
0000	holey/full of holes/dents	
0000	interesting/fascinating/funny/entertaining	
0000	interesting/fascinating/funny/intriguing	slang
	rare/uncommon/unusual/curious/new/fine/precious	
DD	hot topic/of interest	also in Table 107
00000	dull/uninteresting/boring/tedious; insignificant/worthless; useless/pointless/disappointing	(0000)
	lame/uncool	slang
	lame/corny (joke)	also in Table 107
0000	wealthy/rich/affluent/well-off	
	rich/abundant/plentiful/ample	[TGG]
0000	poor/poverty-stricken	[goo]
	lacking inner richness/poor/needy	[TGG] [goo]
	shortage/scarce/limited/meagre	[TGG] [goo]
ao	respected/great/famous/celebrated/distinguished	also in Table 112
00000	pitiful/pathetic	(000/0000)
0 00	pitiful/unfortunate/poor/miserable	also in Table 107
	new/novel/recent/latest/modern	
 	new/novel/recent/latest/modern young/youthful; immature [HN]	
00 00	 old/antiquated/old-fashioned (of things, not people)	u 11
0000		[HN]
	peculiar/unique/characteristic	[HN]
00	characteristic/their own/unique/original/local	[HN]

Adjective	Meaning		Notes
	disti	inguishing/	
	disti	inctive/	
	char	racteristic	
0000		exclusive/characteristic/peculiar	[HN]
		inherent/characteristic/perculiar	[HN]
		normal/ordinary/regular/usual/common	also an adverb
000000		general/popular/common/typical	
		special/particular/extraordinary/exceptional	also an adverb, [goo]
		special/particular/peculiar/unique	[goo]

VC.8 Ability

Table 114: Adjectives: ability.

Adjective	Meaning	Notes
000	skilful/good	(000)
000 0	skilful/proficient/adept	
0000	${\it capable/competent/efficient}$	
	strong/dependable; competent/skilled; rigid/solid	
 000	detailed/full	
0000	$knowledgeable/well-informed/familiar\ about$	
000000	fluent (in a language)	
0000	fluent (speaking a foreign language)	also an adverb
00000	native	also a noun
00000	mighty/powerful	
000000	talented/gifted/prodigious/virtuoso/masterful	
000	bright/intelligent/clever/smart	
	wise/clever/smart	
00	unskilful/poor/awkward	
0000	unskilled/clumsy/lousy/poor/awkward/shitty	$(\Box\Box\Box)$; derogatory
0000	clumsy/unreliable	slang: DD
00 0 00	not very good at	
0.00	incapable/incompetent/inefficient	
 00	weak/frail/tender; unskilled	
	$ignorant/ill-informed/unfamiliar\ about$	also in Table 107
000000	puniness; youth	
000 00	${\it slow/weak-headed/dumb}$	
00	stupid/foolish/ridiculous	
00000	$absurd/foolish/stupid/ludicrous/preposterous/laughable/\\ ridiculous$	
00	foolish/idiotic/simplistic	
 00000	forgetful	
[0]000	easy	
<v masu="">□□□</v>	easy to/likely to/have a tendency to <v masu=""></v>	$(\square\square)$; SUFFIX
0000	easy/simple	
00 0 00	simple/convenience/simplified	slightly formal [S]
000	difficult/troublesome/impossible (euphemism)	
0000	difficult/challenging	also an adverb, also in Table 121
00	impossible/no way/unreasonable	

Adjective	Meaning	Notes
00000	impossible	$(\Box\Box\Box\Box\Box)$; also in Table 112
000000	troublesome/bothersome/tiresome	(DDDD)
0000	trouble some/bother some	$(\Box\Box\Box)$; slang
0000	undeniable/cannot deny	

VC.9 Personalities

Table 115: Adjectives: personalities.

Adjective	Meaning	Notes
	kind/affectionate/gentle (character)	speech; [HN]
	kind/generous/gentle (action)	formal; [HN]
	${\it friendly/familiar/intimate}$	
	amiable/affable/likeable	
0000	friendly/amiable/affable/sociable/loving company; (of animals) talking kindly to people	
000	frank/up front/candid/direct/honest~(about~one's~feelings/thoughts)	
000	cruel/heartless/harsh/very bad/awful	(00)
	cruel/brutal/ruthless/merciless/inhumane	
00 	quiet/silent/calm/peaceful	
0000	composed/calm/serene	
	peaceful/gentle/calm/mild/quiet	
	relaxed/familiar/friendly	
00 0 00	${\it cool/calm/composed/unconcerned/nonchalant/unmoved/} in different$	also in Table 110
0000	noisy/boisterous	
0000	noisy/loud; annoying/persistent	(
000	noisy/loud	slang
	serious/sober/earnest/grave	
hardworking,		
lazy		
0000	crazy/eccentric	$(\square\square\square\square)$; also in Table 117
00000	hasty/rash/impatient/quick-tempered	
	careful/cautious/prudent	
	careless/rash/hasty/imprudent	
	irresponsible/perfunctory/careless	also an adverb, also in Table 121
00000	not caring/not giving a damn	
0000000	not giving a damn/not caring a bit	idiomatic
0000	famous	
00000	simple/uncomplicated; simple-minded/naive	
[0]0000	naive/too good-natured/gullible/foolish/simple	([\square] \square \square \square); also in Table 107
000000	gullible/naive	(0000)
	complex/complicated/intricate; mixed (feelings)	
00000	susceptible/vulnerable/prone to	
000	sensitive/susceptible	
00000	excitable	
00000	 easily bored/fickle/quick to lose interest	
	V 1 1 X	

Adjective	Meaning	Notes
	easily fatigued	(000)

VC.10 Education and correctness

Table 116: Adjectives: education and correctness.

Adjective	Meaning	Notes
000	right/correct; proper/lawful	

VC.11 Knowledge, truth and reality

Table 117: Adjectives: knowledge, truth and reality.

Adjective	Meaning	Notes
000	obvious/clear/evident/definite	[HN]
	unknown/unidentified/obscure/ambiguous/uncertain/unclear	[HN]
0000	unknown/strange	
00000	$ambiguous/equivocal/misleading/easy\ mixed\ up/confusing$	
	${\it clear/precise/definite/distinct}$	[HN]
	inaccurate/indistinct/imprecise/unclear/indecisive	[HN]
	vague/ambiguous	[HN]
	$certain/sure/definite;\ reliable/trustworthy/accurate/correct$	
000	uncertain/unclear/indefinite	
0000		
00000	real/true/genuine/authentic	[HN]
00	normal	
00/00	serious/not joking	abbreviation
00	serious/earnest/honest/real/legit	slang
0000000	plausible/believable/seemingly true/reasonable	
0000	laughable/ridiculous/strange/weird/suspicious	$(\square\square\square\square)$; also in Table 115
	$suspicious/dubious/dodgy; \ ominous \ (weather)$	
οο Π	${\it strange/odd/peculiar/weird/eccentric/funny/suspicious/fishy;} unexpected$	
	suspicious/shady/evil	also in Table 111
	suspicious	also in Table 113
0 000	abnormal/strange	
0 000 0 0	${\it extreme/great/extraordinary/unusual}$	also a noun
	strange/mysterious	
000000	unbelievable/incredible	
	honest/frank/candid	also an adverb
00000	equal/impartial	also a noun
untruthful		
unequal		

VC.12 Courtesy

Table 118: Adjectives: courtesy.

Adjective		Meaning	Notes
		polite/courteous/civil; conscientious/thorough/careful	[honorific]
0000		discourteous/impolite	also a noun

Adjective	Meaning	Notes
	rude/discourteous/insolent (stronger)	also a noun
	fast	
0000	high-speed/rapid/express	also a noun
00000	rapid (progress)	
	early/too early	
	slow/late (in the day)/late (behind time)	
	slow/sluggish/laggy	also in Table 121

VC.13 Conflict and resolution

Table 119: Adjectives: conflict and resolution.

Adjective	Meaning	Notes
	unjust/unfair/dishonest/illegal	also a noun

VC.14 Taste and texture

Read the main article for the five basic flavours on CTA.

More here

Table 120: Adjectives: taste and texture.

Adjective		Meaning	Notes
0000		good-tasting/delicious/tasty	(0000)
000		delicious	$\begin{pmatrix} 0000 \\ 0000 \end{pmatrix} \begin{bmatrix} SKJnKKS \end{bmatrix}$
000/000/000	expi	res sioh cious/skilled/good	colloquial
0000		sour	
		sweet	
		bitter	
		spicy	
		salty	
0000		soft/fluffy/spongy	ONOMATOPOEIC also an adverb
0000		smelling burnt/scorched	also in Table 107

VC.15 Amounts and sizes

Table 121: Adjectives: amounts and sizes.

Adjective	Meaning	Notes
000	huge/big/gargantuan	slang
	big/large/great	
000	vast (in numbers)/to a great extent	
0.00	already enough (experssing wish for something to end), see $\square\square$ $\square\square\square\square\square\square$	also an adverb, also in Table 115
	large/great/huge/major/important/serious/severe	PREFIX
	considerable/substantial	
	small/little/tiny	
00000	small/little/tiny	$(\stackrel{\circ\circ}{\Box}$ $);$ slang
00000	tiny/wee	$(\overset{\circ}{\square}$ \square
	high/tall; expensive	
	low/short	

Adjective	Meaning	Notes
	cheap	
	deep; profound; dense/thick; close (relationship); intense/strong; late	
	shallow/superficial; slight (wound); light (sleep); pale (colour); inadequate (knowledge); early/young (e.g. night/season)	;
0000	${\it unrelated/irrelevant}$	
	heavy (weight/feeling)	also in Table 118
	light (weight/feeling)	also in Table 118
	thick (diameter); deep/sonorous (of voice)	[HN]
	thin/slender (diameter); thin/sparse (of voice)	[HN]
000	slim	
	thick (sheets/strength)	[HN]
	thin (sheets/strength)	[HN]
000	short/brief (length) (spacial/temporal/detail)	
	long (length) (spacial/temporal)	
	everlasting/permanent/very long/many years of	
	near (distance) (spacial/temporal/relationship/similarity)	
	far (distance) (spacial/temporal/relationship/similarity)	
	wide/spacious/vast	
	narrow/confined/cramped	
00000	massive quantity	[HN]
	many/large quantity of (esp. countable); frequent	[GMN]
0 000	much/large amount of (esp. uncountable)	[HN], [GMN], [goo]
00000	enough/sufficient/plenty/adequate/satisfactory	also an adverb
0000	a lot/lots/plenty/much/a great deal; enough/too much	$(\square\square)$; also an adverb; $[goo]$
0000	full/filled/overflowing	(\square) ; also a noun and adverb; $[goo]$
0000	various/all sorts of	slang: □□□□ (Table 73)
0000	essential/necessary	also a noun
	unnecessary/not needed	
0 0000	unnecessary/needless	
	unnecessary/unneeded	
0000	not needing any more ("I'm fine/no thank you")/sufficient/enough	also in Table 112
0 00	disused/unused	
000000	small quantity	
	few/a little/scarce/insufficient; seldom	
	long (time that has passed)/old (story)	
0000	long time (since the last time)	
0000	serious/severe/grave (of a crisis)	
	serious/severe/critical (punishment/illness)	also in Table 118
	non-serious/minor/unimportant/trivial (punishment/illness)	also in Table 118
0000	serious/dreadful/terrible	also an adverb, also in Table 114
	, ,	,

VC.16 Change

Table 122: Adjectives: change.

Adjective	Meaning	Notes

Adjective	Meaning	Notes
00000	constant/invariant	

VD (verbs)

VD.1 Physical

		Transitive	Table 123: Verbs:	* >		Intransitive	
Action	Cat	. Meaning	Notes	Action	Cat.	Meaning	Notes
	0	to move/shift/stir/budge/change position; to inspire/mobilise/ deploy		 DD	П	to move; to stir/shift/shake/swing; to be influenced	
0000	E	to move/transfer/migrate		000 0000	Е	to move/travel	
	ь	to move/transier/inigrate		0000	E	to exercise/train/workout/do sports	
				0000	E	to be active (of person/organisation/animal/volcano/etc.)	
-				0000	Е	to be still/still/dormant (e.g. volcano)	
-				0000	Е	to act/take action	
000	В	to stop/turn off; to park; to suppress/hold (cough/tears/breath); to relieve (pain)		000	п	to stop moving/come to a stop/be stopped/perch on (of birds)	
00	В	to point; to identify/indicate/point out		=			
	В	to touch/feel (intentional)	[goo]	 00	п	to touch (intentional)	[goo]
O 0 S 0000	п	to touch O using S (unintentional) ????	[goo]	000		to touch/feel (unintentional); to touch/refer to a subject	[goo]
0				 DDD	Е	to be close to/in contact (abstract; information/geographical	[goo]
				BBB	L	border)	Igool
00				-			
00000	В	to embrace closely/hug someone close/hold someone tight	(00000)	-			
0000	Е	to hug		0000	Е	to hug	
00	В	to bite/chew		-			
00	п	to hold (in hand)/take/carry/possess; hold meeting		-			
0000	□	to pin down/hold in place/hold steady		-			
-				00	п	to sit/squat	
000		to sit down/take a seat; to rest against $(\square\text{-marked})$		-			
00000	□	to sit down/take a seat		-			
0000	п	to lay down		0000		to lie down/stretch out	
		to turn over/lay face down; to point/cast down (gaze/head)	also in Table 133	000	D	to lie flat on the ground	
 DD	п	to leave behind	also in Table 127	00 00	п	to remain/be left behind	also in Table 127
00	В	to press/push/exert pressure on; to stamp (seal)		-			
000		to hit/put on/hold against; to apply (patch/eye-mask)	[HN]	000		to be hit/strike (e.g. a target/lottery/by an ailment)	
00	□	to hit/strike/beat/punch (strong)	[goo] [HN]	0000		to be struck/beaten (strong)	
 DD	В	to (repeatedly) strike/hit/slap/tap/pat/clap (hands); to attack/criticise/flame an idea	also in Table 127; [goo]	-			
 00	□	to strike/hit/beat/punch someone	[goo]	-			
00		to hit someone; strike/beat (stronger)	(DD); [goo] [HN]	П			
	п					to bump/crash into (large objects)	CANAL CO.
0000	0	to hit someone's head/crash into	(DDDD); [HN]	0000	п	to bump/crash into (large objects)	[HN]
		to hit someone's head/crash into to viciously beat up/hit and kick repeatedly	(IIIII); [HN]	-	П	to bump/crass into (large objects)	HN
0000000	п			-	П	to bump/crass into (targe objects)	HN
0000000	B E	to viciously beat up/hit and kick repeatedly	slang	- - -		to bump/crass into (targe objects)	HN
0000000 00000000	E E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic)	slang	- - -	D	to binny/crash into (raige objects)	HN
0000000 00000000 000	E E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face)	slang			to pierce/get lodged/get stuck into	HN
0000000 00000000 0000 0000	E E D	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face)	slang	-			HN
0000000 00000000 00000 00000 00	E E E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face) to pierce/stab/prick/thrust	slang	-	0		HN
0000 0000000 000000 000 0000 00 00 00 0	E E E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (sp. in the face) to pierce/stab/prick/thrust to shoot (gun/person/beam)	slang	- - - - -	0	to pierce/get lodged/get stuck into	[HN]
0000000 00000000 00000 00000 00 00 00 0	E E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face) to pierce/stab/pirick/thrust to shoot (gun/person/beam) to pass/go/penetrate/pierce through (of bullet/arrow)	slang		В	to pierce/get lodged/get stuck into to pass/go/penetrate/pierce through (bullet/arrow)	[HN]
00000000000000000000000000000000000000	E E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face) to pierce/stab/prick/thrust to shoot (gun/person/beam) to pass/go/penetrate/pierce through (of bullet/arrow) to let leak out (water/light/secret/information)	slang slang also in Table 128		В Е	to pierce/get lodged/get stuck into to pass/go/penetrate/pierce through (bullet/arrow) to leak outt/escape/shine through to leaked outt/be exposed/be found out (of a secret/lie/improper	[HN] slightly casus
00000000 000000000 000000 00000 00000 0000	E E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (sp. in the face) to pierce/stab/prick/thrust to shoot (gun/person/beam) to pass/go/penetrate/pierce through (of bullet/arrow) to let leak out (water/light/secret/information) to expose/disclose/reveal/give away (secret)	slang slang also in Table 128		В Е	to pierce/get lodged/get stuck into to pass/go/penetrate/pierce through (bullet/arrow) to leak outt/escape/shine through to leaked outt/be exposed/be found out (of a secret/lie/improper	[HN] slightly casus
00000000 00000000 0000000 00000 00000 0000	E E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face) to pierce/stab/prick/thrust to shoot (gun/person/beam) to pass/go/penetrate/pierce through (of bullet/arrow) to let leak out (water/light/secret/information) to expose/disclose/reveal/give away (secret) to forget to do <v stem=""></v>	slang slang also in Table 128		В Е	to pierce/get lodged/get stuck into to pass/go/penetrate/pierce through (bullet/arrow) to leak out/secape/shine through to leaked out/se exposed/be found out (of a secret/lie/improper behaviour)	[HN] slightly casus
0000000 00000000 0000000 00000 00000 0000	E E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face) to pierce/stab/prick/thrust to shoot (gun/person/beam) to pass/go/penetrate/pierce through (of bullet/arrow) to let leak out (water/light/secret/information) to expose/disclose/reveal/give away (secret) to forget to do <v stem=""> to turn one's head towards; to think back/reminisce/reflect on</v>	slang slang also in Table 128 slang slang SUFFIX		В Е	to pierce/get lodged/get stuck into to pass/go/penetrate/pierce through (bullet/arrow) to leak out/secape/shine through to leaked out/se exposed/be found out (of a secret/lie/improper behaviour)	[HN] slightly casus
00000000 00000000 0000000 000000000000	E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face) to pierce/stab/prick/thrust to shoot (gun/person/beam) to pass/go/penetrate/pierce through (of bullet/arrow) to let leak out (water/light/secret/information) to expose/disclose/reveal/give away (secret) to forget to do <v stem=""> to turn one's head towards; to think back/reminisce/reflect on to expel from mouth (breathe/spit/vomit)</v>	slang slang also in Table 128 slang SUFFIX		В Е	to pierce/get lodged/get stuck into to pass/go/penetrate/pierce through (bullet/arrow) to leak out/secape/shine through to leaked out/se exposed/be found out (of a secret/lie/improper behaviour)	[HN] slightly casu.
00000000 00000000 000 000 000 000 000	E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face) to pierce/stah/prick/thrust to shoot (gun/person/beam) to pass/go/penetrate/pierce through (of bullet/arrow) to let leak out (water/light/secret/information) to expose/disclose/reveal/give away (secret) to forget to do <v stem=""> to turn one's head towards; to think back/reminisce/reflect on to expel from mouth (breathe/spit/vomit) to sigh; to tell a lie; to use foul language (all other cases, use CD)</v>	slang slang also in Table 128 slang SUFFIX		В Е	to pierce/get lodged/get stuck into to pass/go/penetrate/pierce through (bullet/arrow) to leak out/secape/shine through to leaked out/se exposed/be found out (of a secret/lie/improper behaviour)	[HN] slightly casu
00000000 0000000000 000000000000000000	E	to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face) to pierce/stab/prick/thrust to shoot (gun/person/beam) to pass/go/penetrate/pierce through (of bullet/arrow) to let leak out (water/light/secret/information) to expose/disclose/reveal/give away (secret) to forget to do <v stem=""> to turn one's head towards; to think back/reminisce/reflect on to expel from mouth (breathe/spit/vomit) to sigh; to tell a lie; to use foul language (all other cases, use D) to tell a lie</v>	slang slang also in Table 128 slang supprix (co).[HN]		В Е	to pierce/get lodged/get stuck into to pass/go/penetrate/pierce through (bullet/arrow) to leak out/secape/shine through to leaked out/se exposed/be found out (of a secret/lie/improper behaviour)	[HN] slightly casu.
00000000 00000000 000 000 000 000 000		to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face) to pierce/stab/prick/thrust to shoot (gum/person/beam) to pass/go/penetrate/pierce through (of bullet/arrow) to let leak out (water/light/secret/information) to expose/disclose/reveal/give away (secret) to forget to do <v stem=""> to turn one's head towards; to think back/reminisce/reflect on to expel from mouth (breathe/spit/vomit) to sigh; to tell a lie; to use foul language (all other cases, use ED) to tell a lie to blow air through pursed lips</v>	slang slang also in Table 128 slang surfix gool (co) [HN]		В Е	to pierce/get lodged/get stuck into to pass/go/penetrate/pierce through (bullet/arrow) to leak out/secape/shine through to leaked out/se exposed/be found out (of a secret/lie/improper behaviour)	[HN] slightly casu.
00000000 00000000 00000000 00000000000		to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face) to pierce/stab/prick/thrust to shoot (gum/person/beam) to pass/go/penetrate/pierce through (of bullet/arrow) to let leak out (water/light/secret/information) to expose/disclose/reveal/give away (secret) to forget to do <v stem=""> to turn one's head towards; to think back/reminisce/reflect on to expel from mouth (breathe/spit/vomit) to sigh; to tell a lie; to use foul language (all other cases, use D) to tell a lie to blow air through pursed lips to expose to (sun/danger; D-suffixed); to rinse/soak (vegetables)</v>	slang slang also in Table 128 slang SUFFIX [goo] (co):[HN]		В Е	to pierce/get lodged/get stuck into to pass/go/penetrate/pierce through (bullet/arrow) to leak out/secape/shine through to leaked out/se exposed/be found out (of a secret/lie/improper behaviour)	[HN] slightly casus
00000000000000000000000000000000000000		to viciously beat up/hit and kick repeatedly to severely beat up (emphatic) to strike (with stick/whip); to hit/punch/kick/beat to slap (esp. in the face) to pierce/stab/prick/thrust to shoot (gum/person/beam) to pass/go/penetrate/pierce through (of bullet/arrow) to let leak out (water/light/secret/information) to expose/disclose/reveal/give away (secret) to forget to do <v stem=""> to turn one's head towards; to think back/reminisce/reflect on to expel from mouth (breathe/spit/vomit) to sigh; to tell a lie; to use foul language (all other cases, use D) to tell a lie to blow air through pursed lips to expose to (sun/danger; D-suffixed); to rinse/soak (vegetables)</v>	slang slang also in Table 128 slang SUFFIX [goo] (co):[HN]		E 0 0	to pierce/get lodged/get stuck into to pass/go/penetrate/pierce through (bullet/arrow) to leak out/escape/shine through to leaked out/be expessed/be found out (of a secret/lie/improper behaviour) to turn around/look back	[HN] slightly casus

VD.2 Directions

Transitive				Intransitive				
Action	(Cat.	Meaning	Notes	Action	Cat	Meaning	Notes
-					ůo	п	to go/move through/proceed/reach (information/phase)	
-					$<\!\!\mathrm{v}\ \mathrm{te}\!\!>\!\!\square[\square]\square$	п	$\label{eq:continuous} $$ \{ to <\!\! v te > and go (spatial to <\!\! v te > gradually/progressively into the future (temporal) \} $$$	(□□); AUX, [formal]
00000			to take/bring/carry something along		-			
000		П	to advance/move forward	also in Table 134		п	to advance/go forward	also in Table 134
-					0.000	E	to hurry/rush to somewhere	
-					0000	E	to go slowly to somewhere	
 00		В	to hurry (someone to do)/rush/hasten/urge/push/make something happen sooner (oft. causative $\Box\Box\Box\Box$		00	п	to hurry/rush	
-					00	п	to hurry/rush	
000		п	to aim at/for/to do/to become		-			
-					00	п	to leave/go away; to pass/elapse (e.g. seasons)	also an adjective
-					DD	E	to come/approach/arrive	
-					0000	E	to come out/emerge	
-					000	п	to come	honorific; also in Table 128

Action	Cat	Transitive . Meaning	Notes	Action	Cat.	Intransitive Meaning	Notes
						{to <v te=""> and come back (spatial);</v>	(DD); AUX,
				<v te="">□□□</v>	Е	to $<$ v te $>$ up to the present (temporal)}	[SE1], [SE2]
00000		to take/bring/carry something over		-			
10	п	to separate/part/divide/keep apart		000	D	to be separated/apart/distant/disconnected; to leave/go away	also in Table 127
				000		to go against/oppose/defy	
10	П	to send back/home (animate)	[HN]			to return/go back/go home (animate)	[HN]
00		to send back to origin (grander scale)	[HN], [KRS]	00		to return back to origin (grander scale)	[HN], [KRS
 DD	В	to return/put something back (inaminate)	[HN]	DD		to return/go back (inaminate)	[HN]
000	В	to spend/pass/lead (time/life); to overdo (esp. alcohol consumption)		000	п	to pass through/by; to pass (time/life); to have expired	
3				EB	п	to ascend/go up/go upwards (focus on process)	[goo]
0				00		to go to a higher place	[goo]
				00	D	to rise (sun); be promoted in rank	[goo]
000	0	to raise; to do up (one's hair); to fly (kite)/launch (fireworks); to land (a boat); to show someone in/away; to enrol (school)		000		to rise (focus on destination); to enter (from outside); to enrol/ promote (school); to come ashore; to lift (rain); to spoil/die (e.g. battery)	[goo], [HK]
00000		to elevate/raise/lift up		-			
000		to pick up passenger/load goods		00		to board/embark	
00		to pick up (item); book a taxi	_	-			
000		to make upright/wake up	[goo]	000		to rise/wake up; to occur (esp. unfavourable incidents)	(000)
00000 11	0	to hang up/let hang/suspend from/hoist/raise (e.g. coat/painting) to hang on the wall	(DDD) (DDDDD)	00000	0	to hang on the wall	(00000)
00	В	w to make a decision/draw a conclusion (of \$\mathrm{GGGGGGGGGGGG}\$)			В	to descend/go down/go downwards (focus on process)	
000	п	to take down/bring down/lower (generic, destination often mentioned)	[goo]	000		to go to a lower place	
3		incheology		 DD		to set (sun); be sunken/submerged	
000	п	to bring down/lower (hinged or small movement)	[goo]	000		to go downwards/step backwards (focus on destination)	[HN]
000	п	to drop off passenger/unload goods; oust		000	0	to alight/disembark	
000	В	to drop/let fall; be defeated/rejected; download/copy		000	0	to fall/drop/collapse/crash (focus on fall); be defeated/fail	[HN]
 DD		to knock down/turn on its side/recline	also in Table 135	000		to fall/collapse (focus on ground); to fold/go bankrupt (organisation) $$	also in Table 135; [HN]
	В	to exclude/remove (esp. something unnecessary); esp. DDD (aside from/excluding)	[goo]	-			ileas (i
		to put/move out of the way	[goo], [HN]	00		to step aside/move out of the way/make way	(DD); [HN]
		to put/move out of the way (wider usage as auxiliary)	[HN]	00	В	to step aside/move out of the way/make way (wider usage as	(DD): [HN]
				uu		auxiliary)	(00),[1111]
000 00000		to remove/move out of the way to physically push aside	(000)	-			
-		to physically push aside	(00000)	0000		to evict/evacuate/be displaced	
-				0000	E	to make a left turn	
-				0000	E	to make a right turn	
00	П	to put back/return/revert state/turn back (clock hand)		00		to turn back/return/go back	
-				00		to fall (rain/snow/ash); to beam down (sunlight/moonlight/luck/misfortune)	
000	п	to put in/bring in/let in/insert/install (software)		00		to enter/arrive/join/get into/fit into	[HN]
-				0000		to trespass/intrude/interfere/pry/delve deeper	
<stem>□□</stem>	п	to go/put into; to completely become; to do thoroughly/ sufficiently; to remain (seated/silent)		-			
0000		to insert/put/thrust/plug in; to shine/stream in (light)	SUFFIX	-			
-				0.000	E	to enter a store/restaurant; to become an employee at a store	
00	В	to take out/get out/publish/send (letter)/produce	CN III	00	В	to exit/leave/come out/flow/appear/answer (phone/door)	incl. CN □□
0000	В	to take out/pick out; to retrieve/recover		-			usages
<v stem="">□□</v>	п	to begin to <v stem="">; to <v stem=""> out (e.g. jump out, carry out)</v></v>	SUFFIX	-			
0000		- 1		-			
0000		to pull out/extract/unplug; omit/skip/pass to slip out/sneak away/break free		000	0	to come out/fall out/be extracted; be omitted/missing	
0000	0	to sup out/sneak away/break ree to pick/single/select out		0000	ш	to slip out/steal out	
		to decrease		00		to decrease	
000		to increase		000		to increase	
-				0000	Е	to correspond/be equivalent (in meaning/function); to be	
			Property			proportionate to; to be worthy/deserving of	[goo], [HN],
				00	D	to open (business/general; revealing vacant space)	[TFG]
		to open (business/general; revealing vacant space)	[TFG]				[gool [HN]
E		to open (focus on non-linear unfolding movement)	[goo], [HN], [TFG]	00 000		to open (focus on non-linear unfolding movement) to unfold (figurative/formal: view/development/path forward)	[goo], [HN], [TFG]
-	0					to open (focus on non-linear unfolding movement) to unfold (figurative/formal; view/development/path forward)	
	0	to open (focus on non-linear unfolding movement)					[TFG]
	0	to open (focus on non-linear unfolding movement) to clear/empty out/make space; leave/be temporarily away to close/shut (business/general/non-linear folding)	goo, HN, TFG	000 - 000	0	to unfold (figurative/formal; view/development/path forward) to dawn/begin (day/new year); leave schedule free/make time for to close/shut (business/general/non-linear folding)	[TFG] [TFG]
	0	to open (focus on non-linear unfolding movement) $\label{eq:continuous}$ to clear/empty out/make space; leave/be temporarily away	[goo] [HN] [TFG]	000 - 000		to unfold (figurative/formal; view/development/path forward) to dawn/begin (day/new year); leave schedule free/make time for to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement)	[TFG] [TFG] [goo], [SE]
- 000 -	0	to open (focus on non-linear unfolding movement) to clear/empty out/make space; leave/be temporarily away to close/shut (business/general/non-linear folding)	goo, HN, TFG	000 - 000 000 000 000	0 0	to unfold (figurative/formal; view/development/path forward) to dawn/begin (day/new year); leave schedule free/make time for to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement) to be promoted/rise in rank (of person)	TFG TFG SE SE SE
- 000 -	0	to open (focus on non-linear unfolding movement) to clear/empty out/make space; leave/be temporarily away to close/shut (business/general/non-linear folding)	goo, HN, TFG	000 - 000		to unfold (figurative/formal; view/development/path forward) to dawn/begin (day/new year); leave schedule free/make time for to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement)	[TFG] [TFG] [goo], [SE]
	0	to open (focus on non-linear unfolding movement) to clear/empty out/make space; leave/be temporarily away to close/shut (business/general/non-linear folding)	goo, HN, TFG	000 000 000 000 000 000		to unfold (figurative/formal; view/development/path forward) to dawn/begin (day/new year); leave schedule free/make time for to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement) to be promoted/rise in rank (of person) to be promoted in status (of person)	TFG TFG SE SE SE SO
	0	to open (focus on non-linear unfolding movement) to clear/empty out/make space; leave/be temporarily away to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement)	goo, HN, TFG	000 - 000 -		to unfold (figurative/formal; view/development/path forward) to dawn/begin (day/new year); leave schedule free/make time for to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement) to be promoted/rise in rank (of person) to be promoted in status (of person) to be promoted/advance (of person) to upgrade/promote/advance in grade/class/rank	TFG TFG SE SE SE SO
- 000 -	0	to open (focus on non-linear unfolding movement) to clear/empty out/make space; leave/be temporarily away to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement)	goo, HN, TFG	000 000 0000 0000 0000 0000 0000 0000 0000		to unfold (figurative/formal; view/development/path forward) to dawn/begin (day/new year); leave schedule free/make time for to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement) to be promoted/rise in rank (of person) to be promoted in status (of person) to be promoted/advance (of person) to upgrade/promote/advance in grade/class/rank to be demoted/drop in rank (of person/institution)	TFG TFG SE Gool SE Gool Gool Gool
000 000 000 000 000 000 0000 0000	0 0	to open (focus on non-linear unfolding movement) to clear/empty out/make space; leave/be temporarily away to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement) to promote/upgrade to (0-marked)	goo, HN, TFG	000 - 000 -		to unfold (figurative/formal; view/development/path forward) to dawn/begin (day/new year); leave schedule free/make time for to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement) to be promoted/rise in rank (of person) to be promoted in status (of person) to be promoted/advance (of person) to upgrade/promote/advance in grade/class/rank	TFG TFG SE Gool SE Gool Gool Gool
	0 0	to open (focus on non-linear unfolding movement) to clear/empty out/make space; leave/be temporarily away to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement)	goo, HN, TFG	000 000 0000 0000 0000 0000 0000 0000 0000		to unfold (figurative/formal; view/development/path forward) to dawn/begin (day/new year); leave schedule free/make time for to close/shut (business/general/non-linear folding) to close/shut (focus on linear movement) to be promoted/rise in rank (of person) to be promoted in status (of person) to be promoted/advance (of person) to upgrade/promote/advance in grade/class/rank to be demoted/drop in rank (of person/institution)	TFG TFG SE SE SO SO SO SO SO SO

VD.3 Clothing

TO READ TO READ TO READ

Table	125:	Verbs:	clothing.
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	Transitive		Intransitive			
Action	Cat. Meaning	Notes	Action	Cat. Meaning	Notes	
000 000						
000	$\hfill\Box$ to put on (head)/be covered with/shoulder responsibility	(III); [IG]	-			
000	\Box to wear/put on (glasses/coat)	(000)	=			
0000000	□ to wear/put on glasses	(000000)	=			
00	□ to wear (upper body)	[IG]	-			
{00 00}	$\hfill\Box$ to put on (lower body: pants, skirt, shoes)	[IG]	-			
ů	$\hfill\Box$ to take off/undress (head/upper body/lower body)	[IG]	=	•		
0000	□ to change one's clothes		0000	□ to change one's clothes		

VD.4 Emotions

			Transitive				Intransitive	
Action	Cat	Meaning		Notes	Action	Cat.	Meaning	Notes
 DD	В	to think/feel (heart-fe	lt nuance)		-		-	
000	п	to feel/experience			-			
0000	п	to perceive/sense			-			
-					0000	E	to feel (as if; usu. after $\square\square\square/\square\square\square);$ to feel like doing (usu. negative)	
	В		d by; to congratulate; to welcome (proposal/		00		to be delighted/glad/pleased/rejoice	
		advice)						
-					00		to laugh; to smile; to sneer/ridicule	[goo]
-					00000	12	to smile	[goo]
- 0 000	E	to scorn/ridicule/snee	r at		-	E	to grin/smirk	
-		to scorn/reneurc/sacc			0.0000	E	to bring someone happiness/make someone happy	
?					000		to shiver/quiver/tremble (e.g. cold/fear/rage)	
-					0000	E	to be nervous/stressed/tense	
0000	E	to worry/fear about			-			
		3,					to feel nervous/afraid/self-conscious; [to be startled/surprised/	
					000		shocked/frightened/spooked]	[slang]
000		to worry/trouble/torr	nent/burden/harass		00	п	to be worried/troubled	
-					000000	E	to be restless/nervous/uneasy/in a fidget	ONOMATOPOE
-					000000	E	to be irritated/annoyed; to fret/worry/be on the edge; to be	(0000);
 8088	TO.	to regret/repent			0000	P	impatient/lose patience to be regretful/remorseful	ONOMATOPOE
0000		to reflect/introspect;	o regret/repent		-	E	to be regrectar/remorserar	
-	-	to renece/masopece,	o regree/repent		000000	E	to be prickly/standoffish/cold/aloof	also an adverb
_					000000		to feel sick/queasy/nauseated/disgusted	also an adverb
00000		to be proud of (neutro	al connotation)	[HN]			, , , , ,	
 DD	п		ride in (neutral connotation)		-			
0000	E	to boast of (negative	connotation)	[HN]	-			
0000	E	to encourage/spur on	cheer on		-			
000	В	to encourage/cheer or	/cheer up		-			
000000		to cheer on/raise a sh	out to someone (D-marked)	(000000)	000000	п	to fire/psych/motivate oneself up; to give it one's all	-
						to		
						put		
				0000	E	in effort	/	
						exert/	/	
						endeavo	- /	
						strive to		
						work/		
				0000	E	try		
						too hard		
0000		to stifle (yawn/smile/	laugh/etc)		_	muc		
0000000		to stifle a laugh	angu/ coc.)		_			
 000			notions); to keep within limits (spending)		-			
0000	E	to refrain from (esp. E			0000	E	to hold back/reserve/constrain/restrain oneself	
0000	E	to be considerate/tho			0000	E		
0000	E		gerly hope/long/yearn for (usu. progressive)		-			
-		, , ,	, , , , , , , , , , , , , , , , , , , ,		0000	E	to despair/feel hopeless	
							to be emotionally deeply moved/excited/inspired (internal	
-					0000	E	emotions)	[goo]
					0000	E	to be emotionally deeply moved/impressed/inspired (stronger;	[goo]
-					_	L	with observable behavioural change)	[goo]
-					0000	E	to be excited/stimulated/agitated/aroused	
0000	D	to wound/injure/hurt	someone's feelings		000	п	to be wounded/injured/hurt (feelings)	
-					00		to cry	
-					000		to shed tears/be moved to tears	
0000	E	to sympathise		also in Table 132	-			
000		to anger/offend/prove	ke	(esp. 0000)	00	0		,
-					00000		to become enraged/lose it/flip out/blow one's top	slang
	P	to be isoless of (thing)		000	E	to snap/flip/get angry/lose one's temper	(000)
uudu	Е	to be jealous of (some	ening)		0000		to be jealous (of (I-marked person)) to calm down/compose oneself/relax; to settle down (location/job)	
						D		
-	_	+++1-/C: 1: - '		alas in Walata 205	000000	Е	to be surprised/frightened/startled	
000		to startle/frighten/sca	ure	also in Table 135	-			
00000		to cherish/treasure		also an adjective, adverb	-			
000	Е	to love			-			
 000	В		in/have a good time/have fun (also used in		-			
	E	wishes) to look forward to			_			
-	£	to look forward to			-	E	to beat fast (heart)/throb/pound/palpitate	also an advert
_					000000		to be excited/thrilled/nervous	also an adverb
						L		ano un auverb

VD.5 Production

		Transitive				Intransitive	
Action	Cat	. Meaning	Notes	Action	Cat.	Meaning	Notes
 DD		to make/prepare (food)/grow (agriculture)/cultivate (people) $$	[goo]	-			
		to construct (large-scale buildings, manufacturing)	[goo]	-			
io .	В	to create/compose (artistic)/start a business	[goo]	-			
100	В	to pour/splash/throw into (liquid); to sprinkle onto (powder/	(DDD)	-			
0000	п	spice) to salt/sprinkle salt on	(00000)				
100	0	to affix/attach/join/apply; to assign; to tail/watch	(CDD); also in Table 125	DD	nn	to come with/be provided/attached; to stain/scar/dye	
300		to connect/link together; to tie/chain/restrain	(□□); also in Table 129	0000	В	to be tied/connected/linked/chained to; to be related to	(000)
		, , , ,		000000	В	to be related by blood (usu. as progressive CCCCCCC)	(00000)
		to affix a label/tag	(00000)	-			
	В	to add/include/sum (objects/people/concepts); to increase (heat/		000	п	to participate/be added to (objects/people/concepts); to increase	
		influence/speed)		uuu		(heat/influence/speed)	
00000	В	to add on/supplement/append		÷			
10		to add (arithmetic)	also: DDD[DD]; [SE]	-			
30		to subtract (arithmetic)	also: DDDDDD: [SE]	-			
100	_	to multiply (arithmetic)	(DDD); [SE]	-			
10	В	to divide (arithmetic)	[SE]	-			Treasure
100		to start/begin/initiate	[HN]	000		to start/begin	[HN]
00000	Е	to start/begin		000000	Е	to start/begin	slightly
000	E	to start/commence/begin/initiate	slightly formal, [HN]	0000	E	to start/commence/begin/initiate	formal, [HN]
				0000	E	to depart/leave/set off	
0000	E	kick-start/put into effect (activity/feeling/machine/policy)		0000	E	to kick-start into effect (activity/feeling/machine/policy)	
3000	E	to startup/boot up/activate		0000	E	to startup/boot up/activate	
3000	E	to prepare/arrange/get ready/setup		-			
1000	Е	to manage/control (e.g. business)	•	-			
		to leave undone; to be left over/remain	also in Table 123		п	to be left undone; to be left over/remaining	also in
				 			Table 123
000 <v stem="">000</v>	0	to continue to continue <v stem=""></v>	AUX	00		to continue	
v stem>uuu	ш	to continue <v stem=""></v>	AUX	0000		to continue (for a long time); to come next (TV)	
100	В	to stop/end/quit/cancel/abandon/refrain	(000)	0000		to stop/cease/be over	
100		to resign/retire/quit a job	(uuu)	-		eo seop cease, se orei	
300	В	to give up/resign/abandon		-			
					_		also in
				UUU	ш	to quit/give up	Table 124
				0000000	E	to put an end to/get over with/quit something someone's been	
						stuck doing	
<stem>□□</stem>	0	to stop in the midst of to finish	SUFFIX	000		4 1/6	[HN]
000	Ш	to misn	[HN]		ш	to end/finish	slightly
0 0 0 0	E	to end/close/terminate	slightly formal, [HN]	0 0 0 0	E	to end/close/terminate	formal, [HN]
<v stem="">□□□</v>		to finish <v stem=""></v>	AUX				
<v stem="">uuu</v>			AUA				
0000 0000	E	to complete/finish	ava	-			
reserv		to complete/finish	AUA	- 0000	Е	to break through/overcome; to exceed	
neren		to complete/finish to announce/unveil/introduce; to boast	AVA	- 000 0000	E	to break through/overcome; to exceed	
0000 -	Е		AVA	- 0000 - 0000	E	to break through/overcome; to exceed to retire (from the workforce)	
- - - - - - -	E		[goo]	- 0000 DDDD	Е	to retire (from the workforce)	
0000 -	E	to announce/unveil/introduce; to boast		- 0000 DDDD	E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list	[HN]
- - - - - - -	E	to announce/unveil/introduce; to boast			E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project	[HN]
2000 2000 2000 2000 2000 2000 2000	E	to announce/unveil/introduce; to boast $\label{eq:constraint}$ to be entered into a register/to register/subscribe (YouTube)		- 0000 COOD - 0000	E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list	
500 1000 1000 1000 1000 1000 1000 1000	E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write			E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project	
======================================	E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint			E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project	
00000000000000000000000000000000000000	E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept)			E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project	
20000000000000000000000000000000000000	E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite			E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project	
20000	E	to announce/unwell/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note		- 0000 0000 0000 0000 0000 0000 0000	E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project	
50000	E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note			E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project	
20000000000000000000000000000000000000	E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying	[goo]	- 0000 0000 0000 0000 0000 0000 0000	E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project	
50000	E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway		- 0000 0000 0000 0000 0000 0000 0000	E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project	
50000	E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying	[goo]	- 0000 0000 0000 0000 0000 0000 0000	E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list	
20000 200000 200000 200000 200000 200000 200000 2000000	E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway	[goo]		E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project	HN
20000 200000 200000 200000 200000 200000 200000 200000 200000 2000000	E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway	[goo]		E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list	(CO)
200000 2000000	E E E C C C C C C C C C C C C C C C C C	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak	[goo]		E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list	(CO)
200000 2000000	E E C C C C C C C C C C C C C C C C C C	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor)	(coor)		E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list	(CO)
	E E E E E E E E E E E E E E E E E E E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio)	(con)		E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list	(CO)
- - - - - - -	E E E C C C C C C C C C C C C C C C C C	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/bre on air (TV/radio) to broadcast/stream (Internet)	(con)		E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk	(ID)
	E E E C C C C C C C C C C C C C C C C C	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/bre on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies,	(con)		E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk	(ID)
20000000000000000000000000000000000000	E E E E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/bre on air (TV/radio) to broadcast/stream (Internet)	(con)		E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk	(ID)
200000 200000 200000 200000 200000 200000 200000 200000 200000 2000000		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.)	(con)		E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing	(ID)
20000000000000000000000000000000000000	E E E E E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.)	(con)		E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk	(ID)
20000000000000000000000000000000000000		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument)	(COOD) HN HN humble, also in Table 129		E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing	(ID)
	E E E E E	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.)	(con)		E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing	(ID)
		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument)	(COOD) HN HN humble, also in Table 129		E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance)	(CO)
200000 200000 200000 200000 200000 200000 200000 200000 200000 2000000		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument)	(COOD) HN HN humble, also in Table 129		E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance) to dance (a hopping dance)	(ID)
		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument)	(COOD) HN HN humble, also in Table 129		E E E E E E E E E E E E E E E E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance) to dance for joy to walk	(aa) (aa)
		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument)	(COOD) HN HN humble, also in Table 129		E E E E E E E E E E E E E E E E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance) to dance (a hopping dance)	(ab) (ab)
		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument)	(COOD) HN HN humble, also in Table 129		E E E E E E E E E E E E E E E E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance) to dance for joy to walk	(ab) (ab)
		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument)	(COOD) HN HN humble, also in Table 129		E E E E E E E E E E E E E E E E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance) to dance for joy to walk to walk leisurely/aimlessly	(ab) (ab)
		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument)	(COOD) HN HN humble, also in Table 129		E E E E E E E E E E E E E E E E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance) to dance for joy to walk leisurely/aimlessly to take a stroll	(ab) (ab)
20000000000000000000000000000000000000		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument)	(coo) (h) HN HN also in Table 129		E E E E E E E E E E E E E E E E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance) to dance for joy to dance for joy to walk to walk leisurely/aimlessly to take a stroll to run; drive (vehicle); flash (lightning); wind (road)	(DD) (DD)
200000 200000 200000 200000 200000 200000 200000 200000 20000 20000 20000 20000 20000 20000 20000 20000 20000 20000 20000 20000 20000 20000 20000 200000 200000 200000 200000 200000 2000000		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rowrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument) to play (drum)	(COOD) HN HN humble, also in Table 129		E E E E E E E E E E E E E E E E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance) to dance for joy to dance for joy to walk to walk leisurely/aimlessly to take a stroll to run; drive (vehicle); flash (lightning); wind (road)	(ID)
	E E C C C C C C C C C C C C C C C C C C	to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument) to play (drum) to chase/run after/pursue to corner/go hard/pussh/force someone into doing; to herd/drive/	(coo) (h) HN HN also in Table 129		E E E E E E E E E E E E E E E E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance) to dance for joy to dance for joy to walk to walk leisurely/aimlessly to take a stroll to run; drive (vehicle); flash (lightning); wind (road)	(DD) (DD)
		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rowrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument) to play (drum)	(coo) (h) HN HN also in Table 129		E E E E E E E E E E E E E E E E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance) to dance for joy to dance for joy to walk to walk leisurely/aimlessly to take a stroll to run; drive (vehicle); flash (lightning); wind (road)	(DD) (DD)
		to announce/unveil/introduce; to boast to be entered into a register/to register/subscribe (YouTube) to write to draw/paint to imagine; to depict (abstract concept) to rewrite to note to say; to name/call to start saying to stop saying midway to talk/speak to call out to; to name/call; to summon (e.g. doctor) to broadcast/be on air (TV/radio) to broadcast/stream (Internet) to advise to say/express/offer/extend (greetings/congratulations/apologies, etc.) to sing to perform/play (music/instrument) to play (drum) to chase/run after/pursue to corner/go hard/pussh/force someone into doing; to herd/drive/	(coo) (h) HN HN also in Table 129		E E E E E E E E E E E E E E E E E E E	to retire (from the workforce) to enrol/admit into a club/society/mailing list to join a group/project to withdraw/resign from a club/society/mailing list to withdraw/resign from a club/society/mailing list to whisper/murmur; to spread rumour (oft. passive progressive) to chat/chatter/talk to chat/idle talk to be silent/say nothing to sing to dance (a hopping dance) to dance for joy to dance for joy to walk to walk leisurely/aimlessly to take a stroll to run; drive (vehicle); flash (lightning); wind (road)	(ab) (ab)

Action	Cet	. Meaning	Notes	Action	Cat	Meaning	Notes
Action	Cat	. Wearing	riotes	Action	for	Weating	rotes
					time		
					("chase	i	
					by		
					time")		
				0000	п	to catch up with (chase/relationships) ("chase and attach")	(0000)
				00		to swim/weave through a crowd	
-				0000	E	to be congested/crowded/jammed	[SE]
				00	п	to be crowded/packed/congested	[SE]
							also in
-				00	□	to become less crowded/thin out; to get empty	Table 130
	В	to miss/fail to catch (more physical); to set free/let go/release (physical)	[goo]	 DDD	В	to flee/escape/get away/avoid (danger/responsibility)	
m DD	п	to miss/fail to catch (more abstract); to put out of reach (abstract)	[goo]	000	п	to escape	
<v stem="">□□</v>	В	to fail to <v stem=""></v>	AUX				
nnnn		to try and catch but fail	[goo]				
= = 500	E	to miss/deviate from (abstract only; chance/right track)	[goo]				
_			[goo]	-			
	П	to avoid (physical/situation/question/responsibility)		-			
00	В	to take (notes/break/time)/obtain/pass/obtain		000	В	to come off (button/handle/lid)	
00	П	to have/take/consume (a meal/vitamins)	(DD)				
00	D	to steal/plagiarise		-			
00000	п	to obtain/get/procure/win/secure		0000		to obtain/get one's hands on	
DD	п	to take a photograph		000	п	to be taken (photograph)	
DD	В	to record an audio or video		000	п	to be recorded/caught on tape (audio or video)	
	п	to catch an object/capture an animal		000	п	to be caught (object)/captured (animal)	
DD	В	to adopt (method/proposal); to collect/gather (flowers/plants)		000		to be collected/gathered (flowers/plants)	
000		to pick/pluck (flowers); to nip/snip/cut/trim		000	В	to pick up (with chopsticks/tweezers)/pinch/hold	
00		to pick/pluck by twisting from a tree		_			
	п	to collect/assemble/gather (collectibles/people/information)		nnn	п	to assemble/gather/collect	
0000	E				_		
0000		to calculate/compute					
 DD	п	to protect/guard/defend	also in Table 135	-			
 DD		to protect/guard/defend to look after (\vdash marked)	also in Table 135	-			
00 00 00 00 00 00	п		also in Table 135	- - 000	0	to break/snap; run out/stop working/expire; be disconnected; be shuffled (cards/tiles); run out (stock); break up	
00 00 00 00 00	п	to look after (I-marked) to cut/open (sealed); turn off (lights/appliance); hang up;	also in Table 135		0		
00000000000000000000000000000000000000	п	to look after (!-marked) to cut/open (sealed); turn off (lights/appliance); hang up; (conversation); shuffle/discard (cards/tiles); punch (ticket)					
00 00 00000 00 00 00 <v stem="">00</v>		to look after (i-marked) to cut/open (sealed); turn off (lights/appliance); hang up; (conversation); shuffle/discard (cards/idus); punch (ticket) to be able to do <v stem=""> completely to tear/rip (paper/cloth); to break through (defences); to surpass (record)</v>	AUX HN also in Table 135	- 000		shuffled (cards/tiles); run out (stock); break up	
on on on on on <v stem="">00</v>	1	to look after (i-marked) to cut/open (sealed); turn off (lights/applianee); hang up; (conversation); shuffle/discard (cards/tiles); punch (ticket) to be ablie for do c v stem> completely to tear/rip (paper/cloth); to break through (defences); to surpass	AUX	- 000		shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined	
on on on on on <v stem="">00</v>		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; (conversation); shuffle/discard (cards/tiles); punch (ticket) fo be able fid do cv stem> completely to tear/fip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy	AUX HN also in Table 135	- 000	0	shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to	
=00 ==================================		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; (conversation); shuffle/discard (cards/tiles); punch (ticket) fo be able fid do cv stem> completely to tear/fip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy	AUX HINI also in Table 135 HINI		0	shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off	
=00 ==================================		to look after (i-marked) to cut/open (sealed); turn off (lights/appliance); hang up; (conversation); shufffe/discard (cards/tiles); punch (ticket) to be able to do cv steme completely to tear/rip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams)	AUX HINI also in Table 135 HINI		0	shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working	
00 00000 00000 00000 0000 0000 0000 0000		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; (conversation); shuffle/discard (cards/tiles); punch (ticket) fo be able id do cv stem> completely to tear/rip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up)	AUX HINI also in Table 135 HINI			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off	
00 00000 00000 00000 00000 00000 00000 0000		to look after (!-marked) to cut/open (sealed); turn off (lights/appliance); hang up; conversation); shuffle/discard (cards/tiles); punch (ticket) to be able to do cv stem> completely to tear/rip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix	AUX HINI also in Table 135 HINI			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected	
00 00000 00000 000 000 000 000 000 000		to look after (i-marked) to cut/open (sealed); turn off (lights/appliance); hang up; (conversation); shuffle/discard (cards/tiles); punch (ticket) to be able to do <v stem=""> completely to tear/rip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal</v>	AUX [HN] also in Table 135 [HN]			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected	
00		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; conversation); shuffle/discard (cards/tiles); punch (ticket) to be able to do cv stem> completely to tear/tip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo <v stem=""> to care/look after; to put up a good word for/recommend/ introduce</v>	AUX [HN] also in Table 135 [HN]	- 000 000 000 000 000 000 000 000 000 0		shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed	
00		to look after (i-marked) to cut/open (sealed); turn off (lights/appliance); hang up; conversation); shuffle/discard (cards/tiles); punch (ticket) to be able to do cv stem> completely to tear/rip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo cv stem> to care/look after; to put up a good word for/recommend/ introduce to warm/heat up moderately	AUX [HN] also in Table 135 [HN] - (also DD) [goo]	- 500 500 500 500 500		shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected	
		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; conversation); shuffle/discard (cards/tiles); punch (ticket) to be able for do cv stem> completely to teat/fip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo <v stem=""> to care/look after; to put up a good word for/recommend/ introduce to warm/heat up moderately to heat to high temperature; to get excited/fired up to cool from room temperature/chill/refrigerate (any object); to</v>	AUX [HN] also in Table 135 [HN]			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed to warm oneself up to be cooled (more than usual/purposefully from room	[HN] HN2
		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; (conversation); shuffle/discard (cards/tiles); punch (ticket) io be able id do <v stem=""> completely to teat/fip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo <v stem=""> to care/look after; to put up a good word for/recommend/ introduce to warm/heat up moderately to heat to high temperature; to get excited/fired up to cold from room temperature/chill/refrigerate (any object); to calm down/regain composure/relax to cool from high temperature to room temperature (of liquid/</v></v>	AUX [HN] also in Table 135 [HN] - (also IDX) [goo]			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed to warm oneself up	HN1, HN2
		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; conversation); shuffle/discard (cards/tiles); punch (ticket) fo be able if do <v stem=""> completely to teat/rip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo <v stem=""> to care/look after; to put up a good word for/recommend/ introduce to warm/heat up moderately to heat to high temperature; to get excited/fired up to cool from room temperature/chill/refrigerate (any object); to calm down/regain composure/relax to cool from high temperature to room temperature (of liquid/ food/heat); to dampen (feelings/atmosphere/interest)</v></v>	AUX [HN] also in Table 135 [HN] (also DD) [goo] [goo] [HN2]			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed to warm oneself up to be cooled (more than usual/purposefully from room temperature) (any subject)	
		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; conversation); shuffle/discard (cards/tiles); punch (ticket) to be able for do cv stem> completely to teat/fip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo <v stem=""> to care/hook after; to put up a good word for/recommend/ introduce to warm/heat up moderately to heat to high temperature; to get excited/fired up to cool from room temperature (will/refrigerate (any object); to calm down/regain composure/relax to cool from high temperature to room temperature (of liquid/ food/heat); to dampen (feelings/atmosphere/interest) to wash/cleanse/timse</v>	AUX [HN] also in Table 135 [HN] (also \$\Pi\text{CO}\text{ [goo]}\$ [goo] [goo] [HN2]			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed to warm oneself up to be cooled (more than usual/purposefully from room temperature) (any subject)	
		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; conversation); shuffle/discard (cards/tiles); punch (ticket) to be able to do c v stem> completely to tear/rip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo <v stem=""> to care/hook after; to put up a good word for/recommend/ introduce to warm/heat up moderately to heat to high temperature; to get excited/fired up to cool from como temperature/chill/refrigerate (any object); to calm down/regain composure/relax to cod/heal); to dampen (feelings/atmosphere/interest) to wash/cleanse/rinse to clean/sweep/dust/scrub</v>	AUX [HN] also in Table 135 [HN] (also Im) [geo] [geo] [geo] [HN2] [geo]			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed to warm oneself up to be cooled (more than usual/purposefully from room temperature) (any subject)	
		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; (conversation); shuffle/discard (cards/tiles); punch (ticket) is be able if do <v stem=""> completely to teat/fip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo <v stem=""> to care/look after; to put up a good word for/recommend/ introduce to warm/heat up moderately to heat to high temperature; to get excited/fired up to cool from room temperature/chill/refrigerate (any object); to calm down/regain composure/relax to cool from high temperature to room temperature (of liquid/ food/heat); to dampen (ficelings/atmosphere/interest) to wash/cleanse/rinse to clean/wwep/dust/scrub to clean/clean-up/garbage collect</v></v>	AUX [HN] also in Table 135 [HN] (also \$\Pi\text{CO}\text{ [goo]}\$ [goo] [goo] [HN2]			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed to warm oneself up to be cooled (more than usual/purposefully from room temperature) (any subject)	
		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; conversation); shuffle/discard (cards/tiles); punch (ticket) to be able for do cv stem> completely to tear/frp (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo cv stem> to care/look after; to put up a good word for/recommend/ introduce to warm/heat up moderately to heat to high temperature; to get excited/fired up to cool from room temperature/chill/refrigerate (any object); to calm down/regain composure/relax to cool from high temperature to room temperature (of liquid/ food/heat); to dampen (feelings/atmosphere/interest) to wash/cleanse/rimse to clean/clean-up/garbage collect to sweep/brush/clean	AUX [HN] also in Table 135 [HN] (also DD) [goo] [goo] [HN2] [goo] [HN2] [goo] [HN2]			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed to warm oneself up to be cooled (more than usual/purposefully from room temperature) (any subject)	
		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; (conversation); shuffle/discard (cards/tiles); punch (ticket) is be able if do <v stem=""> completely to teat/fip (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo <v stem=""> to care/look after; to put up a good word for/recommend/ introduce to warm/heat up moderately to heat to high temperature; to get excited/fired up to cool from room temperature/chill/refrigerate (any object); to calm down/regain composure/relax to cool from high temperature to room temperature (of liquid/ food/heat); to dampen (ficelings/atmosphere/interest) to wash/cleanse/rinse to clean/wwep/dust/scrub to clean/clean-up/garbage collect</v></v>	AUX [HN] also in Table 135 [HN] (also Im) [geo] [geo] [geo] [HN2] [geo]			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed to warm oneself up to be cooled (more than usual/purposefully from room temperature) (any subject)	
		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; conversation); shuffle/discard (cards/tiles); punch (ticket) to be able for do cv stem> completely to tear/frp (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo cv stem> to care/look after; to put up a good word for/recommend/ introduce to warm/heat up moderately to heat to high temperature; to get excited/fired up to cool from room temperature/chill/refrigerate (any object); to calm down/regain composure/relax to cool from high temperature to room temperature (of liquid/ food/heat); to dampen (feelings/atmosphere/interest) to wash/cleanse/rimse to clean/clean-up/garbage collect to sweep/brush/clean	AUX [HN] also in Table 135 [HN] (also DD) [goo] [goo] [HN2] [goo] [HN2] [goo] [HN2]			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed to warm oneself up to be cooled (more than usual/purposefully from room temperature) (any subject)	
		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; conversation); shuffle/discard (cards/tiles); punch (ticket) to be able for do cv stem> completely to tear/frp (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo cv stem> to care/look after; to put up a good word for/recommend/ introduce to warm/heat up moderately to heat to high temperature; to get excited/fired up to cool from room temperature/chill/refrigerate (any object); to calm down/regain composure/relax to cool from high temperature to room temperature (of liquid/ food/heat); to dampen (feelings/atmosphere/interest) to wash/cleanse/rimse to clean/clean-up/garbage collect to sweep/brush/clean	AUX [HN] also in Table 135 [HN] (also DD) [goo] [goo] [HN2] [goo] [HN2] [goo] [HN2]		0 0 0	shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed to warm oneself up to be cooled (more than usual/purposefully from room temperature) (any subject) to cool down/become cold (naturally) (liquid/food/heat)	
		to look after (k-marked) to cut/open (seaked); turn off (lights/appliance); hang up; conversation); shuffle/discard (cards/tiles); punch (ticket) to be able for do cv stem> completely to tear/frp (paper/cloth); to break through (defences); to surpass (record) to break/destroy/demolish; to wreck/ruin/spoil/damage/destroy (e.g. dreams) to repair/correct (mistake/habit)/restore/tidy up (hair/make-up) fix to cure/heal to redo cv stem> to care/look after; to put up a good word for/recommend/ introduce to warm/heat up moderately to heat to high temperature; to get excited/fired up to cool from room temperature/chill/refrigerate (any object); to calm down/regain composure/relax to cool from high temperature to room temperature (of liquid/ food/heat); to dampen (feelings/atmosphere/interest) to wash/cleanse/rimse to clean/clean-up/garbage collect to sweep/brush/clean	AUX [HN] also in Table 135 [HN] (also DD) [goo] [goo] [HN2] [goo] [HN2] [goo] [HN2]			shuffled (cards/tiles); run out (stock); break up to break/collapse/be torn/worn out/ruined to break/fall apart/collapse/be broken/destroyed/damaged; to stop working to be torn off/come off to return to normal/be restored/repaired/improved/corrected to recover/be cured/healed to warm oneself up to be cooled (more than usual/purposefully from room temperature) (any subject) to cool down/become cold (naturally) (liquid/food/heat)	

VD.6 Consumption

Table	128:	Verbs:	consumption.

		Transitive		Intransitive			
Action	Cat	. Meaning	Notes	Action	Cat.	Meaning	Notes
00		to use (something/person/idea/means/method)	[goo]	-			
 000	п	to use (slightly abstract); to evaluate and use (person); to adopt (idea) $$	[goo]	Ē			
000	п	to spend/expend/use (time/money)	(000)	000	В	to take/require (time/money)	(000)
000000		to spend time (on doing something)	(000000)	000000	п	to take/require time	(000000)
0000	E	to charge/bill (for a service)	also in Table 129	-			
00	□	to pay (money/bill)	also in Table 127	-			
000	В	to leave idle (resources)		-			
0000	В	to leave idle (resources)		-			
-				GO	В	to lie idle (resources)	also in Table 130
-				00	В	to lie idle (resources)	also in Table 130
-				0000	В	to run out/be reduced to zero/not occur anymore	(DDDD); also in Table 133
00	п	to see/observe		000	п	to be seen/visible	also in Table 124
000000		to glimpse/glance at		-			
<v te="">□□</v>	□	to try $<$ v te $>$ and see (what happens)	AUX	-			
000	п	to attempt/try and see if it's possible	[goo]	-			
 DD	п	to attempt/put to the test and confirm truth/goodness	[goo]	-			
0000		to find/discover/detect		0000		to be found/discovered	

		Transitive				Intransitive	
Action	Cat	Meaning	Notes	Action	Cat	. Meaning	Notes
000	п	to expose/disclose/leak a secret	colloquial	000	п	to be exposed/found out/leak a secret	
0000		to experiment	[goo]	-			
00		to read/recite/pronounce/decipher		-			
0000		to read out (computing)		-			
0000	В	to leave half-read	(0000)	-			
00	п	to hear		0000	В	to be heard/audible	
00	В	to listen attentively (music)		В			
00	п	to smoke (cigarettes); to breathe in/inhale; to soak up/absorb (sponge); to kiss		-			
000000	п	to smoke a cigarette		-			
0000		to inhale/breathe in; to soak up/absorb (sponge); to suck in (allure)		-			
-				0000	E	to kiss (G-marked)	
-				00000	E	to lightly kiss/smooch	slang, ONOMATOPOEI
-				00000	E	to kiss	slang, ONOMATOPOEI
000	П	to eat		-			
00	п	to eat (masculine); to bite/sting (insects); to consume (resources)	also in Table 135	-			
DD	п	to sting/bite (insects)	also in Table 123	-			
00000	п	to overeat		-			
000	п	to taste/experience/savour/relish (literal/abstract (e.g. victory))		-			
-				<adj>0000</adj>	E	to taste like/of	
00000000	E	to take-out/takeaway food		-			
0000		to take home/take out (food)		-			
0000	E	to intake/ingest (salt/sugar/pills/food); to absorb/assimilate (knowledge/culture)		-			
00	П	to drink/swallow/take medicine		-			
ůo	п	to gulp/swallow whole		-			
-				0000	E	to toast/drink/drink one's glass dry (in honour of/celebration)	
000	В	to turn on/switch on/light up (appliance/fire)	(000)	00	В	to come on/ignite/be turned on/lit (appliance/fire)	(00)
00	п	to erase/delete/rid; turn off/extinguish (appliance/fire)		000	В	to disappear/vanish; go out/be turned off/extinguished (appliance/fire)	
-				0000		to disappear (e.g. pain/dream)	(DDDD); also in Table 133
0000	E	to delete/erase/eliminate		-			
00		to play					
 000	п	to let someone play; to entertain/amuse someone		-			
0000	п	to let someone play; to entertain/amuse someone		-			
-				0000	В	to joke/make fun of	
00	П	to buy		-			
00000	E	to lock		_			
000		to secure (lock)	(000)	000	п	to be fastened (lock)	(000)

VD.7 Interaction

			Table 129: Verl	os: interaction.			
		Transitive				Intransitive	
Action	Ca	. Meaning	Notes	Action	Cat	. Meaning	Notes
-				88	п	to exist/have (inaminate)	(00)
-				88	п	to exist (animate)	(n)
-				<v te="">□□□</v>		progressive state of action/being	(DD); AUX
-				<adj/v stem $>$ 000	п	to be excessive/too much	(DDD); SUFFIX
?				88	E	to do	
?				$_{\{\square/\square\}<\mathrm{nn}>\overset{\circ\circ}{\square}\overset{\circ}{\square}\overset{\circ}{\square}}$		to do	AUX humble, also in Table 127
?				<nn>000</nn>	E	to decide on (e.g. ordering from menu)	
?				<adj>□□□</adj>	E	to make become	
?				<v>00000</v>	E	to decide to $<$ v $>$	
?				<v>0000000</v>	E	to decide to make it a rule/practice to $<\!\!\mathrm{v}\!\!>$	
?				<v>00000</v>	E	to try to make sure that $<$ v $>$	
00	п	to do/play/send/put; to give (to animal)	$(\Box\Box/\Box\Box)$; slang				
00000	D	to have a go/try and do	(00000)	00000	В	to take a chance with something	(00000)
?				000000	E	to do/push through by force	
 000		to dedicate/offer/devote/sacrifice		-			% technically there is a DD but I think nobody really uses that so
000	В	to finish/stop/close/shut down/put away	(000)	-			
<v te="">□□□</v>	п	to do completely	(BBB); AUX	-			
<v te="">□□□</v>		to do accidentally	(DDD); AUX	-			
{ <vtf>000 <vtf>000}</vtf></vtf>	п	to do completely	AUX	-			
{ <vtf>000 <vtf>000}</vtf></vtf>	п	to do accidentally	AUX	-			
-				00	П	to become/get/attain/reach/turn into/be completed	usu. 000000
?				0 <noun>000</noun>	п	to do <noun></noun>	AUX, honorific
?				0 < v stem > 000		to do $<$ v stem $>$	AUX, honorific
?				<v>00000</v>		to arrange/decide so that $<$ v $>$	
?				<v>00000</v>		to come to be that/start to $<\!\!\mathrm{v}\!\!>$ (focus on change state)	
?				0000		to become better/improve	(0000)
00	В	to leave behind/put/place		-			
<v te="">□□□</v>	В	to do $<$ v te $>$ in advance in preparation for something		-			
DD	В	to choose/select		-			
0000	E	to precede/take priority/be preferred		0000	E	to take precedence/priority over others	

Action	Cat.	Meaning	Notes	Action	Cat.	Meaning	Notes
		~		nnn			also in
						to be good enough/make do	Table 134
				00		to need/want	(BB)
1000		to request/ask for a favour/wish	polite	-			
1		to request/ask/beg; to entrust to; to rely on		-			
300	E	to request/apply for; to demand/claim (e.g. luggage, damages) $$	also in Table 128	-			
00		to entrust/leave to someone $(\square\text{-suffixed})$	[HN]	-			
000	E	to order/command		-			
				<nn>0000</nn>	E	${\rm concerning/relating/regarding} < \! {\rm nn} \! >$	
				0000	E	to be related/connected to (human relationships); to participate in/be involved/concerned with	
				0000	ъ		
					Е	to be related/connected to (abstract/general)	
				00	В	to meet/encounter	
				00		to meet/encounter (close friends/romantic)	[HN]
				DD .		to have an undesired meeting/experience/accident	
				000	В	to come into existence; to make/get friend/partner	(□□□); also Table 131
П		to invite; to ask someone to do/take someone along to $(\square\text{-marked})$		-			
00	П	to treat someone to something (e.g. a meal/drink)	(DD)	-			
				000		to answer/reply	
				0000	E	to reply/answer/response	
10	0	to wait		00	п	to wait	
000000	п	to wait expectantly/in anticipation		000000		to wait expectantly/in anticipation	
	E	to do together/unite/mix					
<with list="">0] 00000</with>		to rendezvous/join/meet together/get married with	hte				
,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		000	п	to stand out/be conspicuous	
					В	to be unusual/abnormal/strange/odd/peculiar/weird/different	
					ш	to be unusuar/aonormar/strange/ord/pecunar/wertd/dinerent	sometimes
				000000	В	to be unusual/uncommon/peculiar/eccentric/different	derogatory
	П	to send/dispatch/forward/transmit/ship/remit/pass; to see		_			
		someone off/bid farewell; to affix (GDDD)					
30		to gift (a present)		-			
1000		to send out/forward; to show a person out		-			
000		to receive/get; to be struck by (e.g. winds/waves/sunlight)	_	-			
0000	п	to receive/accept/take/eat/drink	(□□); humble	00000	п	to be able to receive/accept/eat/drink	humble
<v te="">□□□□</v>	п	to receive (humble of $\square\square\square)$	humble	-			
00		to be well-received/become popular		-			
 00	П	to help/assist/aid; to contribute to		-			
100	п	to save/rescue/spare/help		000	п	to be saved/rescued/escape harm/survive/helped	
10		to save/rescue from/help out of		-			
 1000	E	to aid/assist/help/support; to cheer/root for		-			
 1000	Е	to thank		0000	Е	to be grateful/thankful	
10000		to greatly thank		00000		to be greatly grateful/thankful	
3000		to appreciate/recognise/acknowledge/praise	also in Table 131	_			
1				(0)0000	E	to pay attention/remind/caution	
				All WOSURU	E	to pay attention/reminin/caution	
200	n	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		family			
000	E	to make contact/communicate/call/message		0000	P	to call (phone call)	
00		to make (a. m.))	(000)	0000	Е		(000)
100		to make (a call)				to get/receive (a call)	
		to telephone/make a call	(000000)	000000	В	to get/receive (a call)	(000000)
00 		to transfer phone call/connect with (\pi-marked)	also in Table 127	-			
000		to confess to a crime/wrongdoing	[goo]	0000	E	to confess one's romantic feelings	
000		to confess/admit (when questioned)	[goo]	-			
000		to confess (when questioned)	[goo]	-			
000	Е	to arrest/capture		-			
0000	Е	to note down		-			

VD.8 Health

			Table 130: Ver	bs: health.			
		Transitive				Intransitive	
Action	Cat	. Meaning	Notes	Action	Cat	. Meaning	Notes
-				00	В	to be hungry	also in Table 127
-				00		to be thirsty; to thirst/crave for (GGGGG)	
0000		to perspire/sweat	(0000)	-			
-				000	В	to become tired/fatigued/exhausted (physical/mental); to become worn out (object overuse)	[goo]
-				0000	E	to be fatigued/exhausted/tired	
-				00000	В	to become tired/exhausted/weary (physical); to become worn out (object overuse) $$	(DDDD); [goo]
-				000		to be exhausted	slang
-				0.0000	В	to fall ill/sick	
00	п	to scratch (e.g. mosquito bite); to perspire	(00)	-			
-				° 00	п	to lie down/go to bed/sleep	also in Table 128;
-				 DD	0	to sleep; to rest in peace (euphemism)	also in Table 128; [goo]
				00	D	to take a day off/be absent; to rest/have a break	
0000	D	to wound/injure/hurt someone's feelings	(0000)	000	D	to be wounded/get injured/get hurt feelings	(000)
000		to hurt/injure/cause pain		00		to hurt/ache/feel a pain	
000		to harm/damage; to spoil		00	В	to be injured/damaged; to be spoiled (food)	
00	В	to give birth/bear (a child)/lay (eggs); to produce/yield (e.g. interest/returns) $$		0000	В	to be born	

	Transitive			Intransitive	
Action	Cat. Meaning	Notes	Action	Cat. Meaning	Notes
0000			000	□ to live/come to life/make a living	
000	□ a lot!				
0000	□ a lot!				
			DD	□ to die/pass away	

VD.9 Ability

		Table 131: V	erbs: ability.			
	Transitive		Intransitive			
Action	Cat. Meaning	Notes	Action	Cat. Meaning	Notes	
-			0000	$\hfill\Box$ to be possible/conceivable/likely/probable		
Ē			888	$\hfill\Box$ to be able to do	(DDD); also in Table 129	
0.000	E to deal with skilfully/handle well		-			
-			000	$\ensuremath{\square}$ to look/taste good; to be good at (esp. food); to go	well	
-			0000	E to be independent/self-reliant		
-			0000	E to have trouble/difficulty		
0000	E to rate/appraise/evaluate/assess	also in Table 129	-			
-			0000	E to succeed		
-			0000	E to fail		
-			000	□ to pass an exam		

VD.10 Education and correctness

MATH

				Table 132: Verbs: educ	ation and correctness				
			Transitive				Intransitive		
Action	(Cat.	Meaning	Notes	Action	Ca	at.	Meaning	Notes
ů		П	to ask/enquire		В				
0000		Е	to ask a question		00[0]00	E	Ē 1	to ask a question	
000		В	to teach/inform		-				
000			to be taught/learn/take lessons in		-				
0000		E	to explain/describe		-				
00		п	to take lessons/learn/be trained (under a teacher)		-				
0000		E	to practise/train/drill		-				
0000		Е	to study		0000	E	E f	to work hard	
0000		Е	to self-study		-				
-					000	В	1 1	to persevere/keep at it/hang on/do one's best	
					000	0	1	to understand/comprehend	also an interjection
0.000		E	to understand/agree		-				
0000		E	to understand	also in Table 126	=				
000			to make a mistake	[HN]	00		1	to differ/be different; to be wrong/mistaken	
0000		п	to make a mistake in/commit an error/do incorrectly		000		1	to be mistaken/incorrect/wrong (oft. as past/progressive)	
-					000		1	to differ/disagree/vary/diverge (of opinions)	
0000		Е	to have a misunderstanding about		0000	E	i i	to have a misunderstanding	[goo]
-					00000	E	È f	to erroneously assume/live in an illusion/be mistaken	[goo]
-					000000	E	£ 1	to be mistaken/have a misconception	[goo]

VD.11 Knowledge, truth and reality

			Table 133: Verbs: know	ledge, truth and realit	ty.		
		Transitive				Intransitive	
Action	Cat	. Meaning	Notes	Action	Cat	. Meaning	Notes
00	П	to think/believe/judge/imagine/recall/feel		-			
000	п	to consider/think over/reflect on		-			
0000	E	to know/be aware; to accept/consent/comply/acknowledge		-			
000	П	to believe/trust/have faith in		-			
0000	E	to trust (information/source; past)	[SE]	-			
0000	E	to trust (a person/organisation; future)	[SE]	-			
00	П	to doubt/distrust/be suspicious of		-			
-				000000	E	to clear (e.g. fog/confusion); to be clear/definite (sight/knowledge)	
00	0	to hide/conceal		000		to hide/conceal oneself/take cover; to be hidden by/disappear behind; to be unknown/undiscovered	
00000	E	to keep a secret		-			
000	п	to conceal (secret)/place in hiding (in ambush)	also in Table 123	-			
0000	E	to cover up/conceal/hide/suppress		-			
-				0000	В	to be lost/missing	(DDDD); also in Table 128
-				000	п	to notice/realise/sense (internal/somehow nuance)	(DDD); [HN]
-				0000	п	to notice/realise/sense; regain consciousness	(0000);[HN]
00		to know/be familiar with		000	п	to be known/understood/discovered	
000	п	to remember/memorise/learn by heart		-			
0000	п	to recall/remember/recollect		-			
0000	E	to become aware of					
000	П	to forget		-			
-				0000	E	to originate from (D-marked)	
000	п	to look up/search/investigate/examine		-			
0000	E	to observe/survey/watch		-			
00	п	to search/look/hunt for (something desired)		-			

		Transitive			Intransitive	
Action	Cat	t. Meaning	Notes	Action	Cat. Meaning	Notes
00		to search/look/hunt for (something lost)		-		
0000	E	to hunt/explore/investigate/search/lookup		-		
0000	E	to analyse		-		
DD		to infer/deduce/gather/conjecture/surmise from	also in Table 135	-		
0000	E	to report (information)		-		
0.000	E	to prove/testify		-		
0000	E	to confirm/verify/validate/check		-		
0000	E	to discover/detect/find		-		
0000	E	to invent		-		
0000	E	to decide (strong)	[goo]	-		
0000	E	to decide	[goo]	-		
0000	E	to judge	[goo]	-		
0000	E	to make a verdict/ruling (of judges/referees)	[goo]	-		
0000	E	to assert/declare/conclude	[goo]	-		
0000	E	to unofficially decide/offer (e.g. job)		0000	E to unofficially decide/offer (e.g. job)	
 DD	п	to feel around/grope/search/find for; to investigate/probe/spy/ sound out; to explore (parts unknown)		-		

VD.12 Courtesy

		Transitive			Intransitive			
Action	Ca	t. Meaning	Notes	Action	Ca	t. Meaning	Notes	
0000	E	to disregard/ignore		-				
-				0000	0	to be/make it in time for	also in Table 129	
		to delay/postpone/slow down/retard		000	В	to be late/delayed/overdue/slow		
-				000		to fall behind others (race/studies)		
	В	to set a clock forwards in time	also in Table 124		0	to be fast (of a clock)	also in Table 124	
100		to cause/burden/impose (inconvenience/trouble)	(000)	-				
000000	п	to annoy/inconvenience/trouble/cause trouble	(000000)	-				
000000		to inconvenience/trouble	(000000)	-				

VD.13 Conflict and resolution

			Table 135: Verbs: confli	ct and resolution.			
		Transitive				Intransitive	
Action	Cat	. Meaning	Notes	Action		. Meaning	Notes
-				 	to compe contes	t/	
-				00	п	to win (personal)	
-				0.000	E	to win (larger scale)	
000	П	to attack/assault/assail		-			
-				00	п	to fight against/resist/oppose	
 DD	В	to kill/defeat/beat/overthrow	also in Table 124	DDD	п	to be killed (person)/fall (organisation)	also in Table 124; [HN]
000	п	to defeat	[HN]	000	п	to lose (personal)/succumb to/give in to	
00	п	to defeat/beat	[HN]	000	В	to lose/be defeated/beaten/unsuccessful	
-				0000	E	to lose (larger scale)	
òo	В	to outdo/defeat	also in Table 128	-			
0000	E	to completely destroy/annihilate/wipe out		0000	E	to be totally defeated/completely fail	
00	В	to trick/cheat/deceive		-			
00000	E	to make fun of/look down on/make light of		-			
00000	E	to wait to see one's opponent's move before making your move (disallowed in games); to hold back until the last minute		-			
00	п	to err/make a mistake in; to mislead/misguide/lead astray		00		to be mistaken/wrong/incorrect	
-				0000	E	to quarrel/brawl/fight/squabble/scuffle/argue	
	п	to threaten/menace	[goo]	-			
000	В	to threaten/menace	[goo] also in Table 126	-			
000	В	to blame/condemn/critise/reproach		-			
00		to apologise		-			
0000	E	to apologise		-			
0000	E	to pardon/forgive; to give someone a break		-			
00		to allow/approve; forgive/excuse		-			
-				 DD	D	to mind/care about/be concerned about/have a regard for (D-marked)	
0000	E	(negative nuance) to mind/care/worry about something		0000	E	(negative nuance) to mind/care/worry about something	
-				0000	E	to approve of/agree with/support $(\square\text{-marked})$	
ůn .	В	to recommend/endorse/nominate/support/back	also in Table 133	-			
00	В	to refuse/decline		-			
-				000000	E	I decline/refuse/reject/do not accept	polite
_				00000	п	to be careful of/pay attention to/take care of $(\square\text{-marked})$	(00000)
0000	E	to be cautious of/be on guard against					
-				0000	Е	to object/oppose/disagree with/resist (D-marked)	
000/00[0]	В	to forbid/ban/prohibit	some zuru verb black magic	-			
000000	E	to block (user/website); to obstruct		-			
0000	E	to ban (an online account)	slang	-			
0000	E	to promise/make an agreement		-			
00	В	to keep/uphold/abide by/follow (promise/rules)	also in Table 127	-			
00	В	to break/violate (silence/promise/rules)	also in Table 127	-			
0000	П	to arrest/catch/capture/seize/restrain		-			

	Transitive			Intransitive	
Action	Cat. Meaning	Notes	Action	Cat. Meaning	Notes
0000	E to interrogate/question		-		
000	E to punish/penalise		-		
00	to kill; to suppress/destroy/stifle (talent/feelin)	gs/yawn/laugh)	-		
0000	to beat to death; to kill (emphatic)		-		
-			0000	E to suicide	

VD.14 Change

Transitive						Intransitive	
Action	Cat	. Meaning	Notes	Action	Cat.	Meaning	Notes
-				0000	E	to change/vary/mutate/transition/transform/be altered/ transfigured; inflect/conjugate (grammar)	
				0000	E	to evolve/advance/progress/develop/improve	
0000	E	to develop/evolve/progress/unfold/plot twist; to expand (physical/mathematical)		0000	Е	to develop/evolve/progress/unfold/plot twist; to expand (physical/mathematical)	
0000	E	to amend/correct/revise/modify/alter/retouch/update/fix		-			
300	п	to alter/transform/convert/vary/change		000	п	to transform/change; to move to (new place)	
000	п	to exchange		000	п	to switch/be exchanged/change places	
000	В	to replace		000	п	to relieve/replace	
000	В	to substitute		000	В	to substitute/hand over (telephone)	
00000	п	to alter/transform/convert/vary/change		-			
00000	п	to replace		-			
00000	п	to exchange		-			
00000	В	to replace (widest usage; "take and replace")	[goo]	=			
00000	В	to replace (only interior contents; "enter and replace")	[goo]	=			
00000	п	to replace (can replace to different location; "(re)attach and replace") $$	[goo]	-			
00000	п	to exchange		-			
				0000	E	to break voice	
				000	п	to lose weight/become thin; to become impoverished/infertile/barren (soil)	
				 DD	п	to put on weight/grow fat	
				000	п	to lose hair/become bald	
				0000	E	to turn red (of leaves, in autumn)	
				0000		to turn yellow (of leaves, in autumn)	

SUFFIXES AND AUXES

VE (adverbs and conjunctions)

VE.1 Grammatical

Table 137: Verbs: grammatical.

Adverb	Meaning	Notes
000	for example/for instance	
000	in short/in other words	
00	firstly	(00)
00000	first of all/right away	also in Tables Table 140, Table 145
000	${\it secondly/next/subsequently}$	also a CONJUNCTION
$\{C \ 000 \ E \ \{\}[C \ 0000 \ E]\}$	therefore (to speaker, E is a natural consequence of C; strong expression of speaker's attitude)	{CONJUNCTION also an expression; MCJ { }[polite]}
C 000 E	(objective \square) therefore (general cause-and-effect; E must have certainly happened (either past or now))	CONJUNCTION [goo], [MCJ]
C 000 E	(objective \square) therefore (C is problem/situation, E is action taken to solve/improve/advance)	CONJUNCTION [goo], [MCJ]
C 000 E	thereupon (E happens $immediately$ after C)	CONJUNCTION [MCJ]
00000	for this very reason/this is exactly why	technically an expression
000	however/but	CONJUNCTION
	only/merely/just/simply; but/however/nonetheless	also an noun
	but/however/provided that	
000	for the sake of; because of/as a result of	(□□); CONJUNCTION
0000	by the way/incidentally/in passing	
0000	meaning/called/said	$(\Box\Box\Box\Box)$ slang of $\Box\Box\Box$
<that>00000</that>	it does not mean that/I don't mean that	$(\square\square\square\square\square)$; technically an expression
<that>00000</that>	it does not mean that/I don't mean that	$(\square\square\square\square\square)$; technically an expression
	if/in case/supposing	(
000	and/and then/thus/and now/and finally	CONJUNCTION

VE.2 Directions

Table 138: Verbs: directions.

Adverb	Meaning	Notes
0000	straight (ahead)/directly (destination)/uprightly/erectly	(0000)

VE.3 Intensity modifiers

Table 139: Verbs: intensity modifiers.

Adverb	Meaning	Notes
□□ <negative></negative>	not at all	
DDD <negative></negative>	not at all/simply cannot	
□□□ <negative></negative>	not very	$(\square$); slightly formal [HN1], [HN2]
□□ <negative></negative>	not particularly (nuance: not interested)	slightly informal, can be rude; [HN1], [HN2]
	somewhat/slightly/a little	

Adverb	Meaning	Notes
0000	a bit/slightly/somewhat/quite; just a minute	
00 0 00	small degree/small amount (one step)	
000	${\it quite/considerably/pretty}$	
0000	very/considerably/fairly/quite/rather	
0000	considerably/rather/quite/fairly/pretty	also an adjective, verb
0000	${\it reasonably/fairly/all\ right/moderate}$	ONOMATOPOEIC, also in Table 148
000	$considerably/quite/rather/pretty\ enough\ (wanting\ something$	also an adjective
0000	to end)	also all adjective
	large/big/great/severe	PREFIX. htc; technically \square -adj/noun
000	very/immensely/awfully	
000	${\rm really/truly/entirely/completely/perfectly;\ indeed}$	also a noun
0000	$surprisingly/very/extremely/fairly/quite/considerably/\\ awfully/terribly$	
0000	very/greatly/terribly/awfully	also an adjective
000	very/extremely	
000	very/exceedingly/awfully	
0000	${\it extremely/very/really/super/so}$	slang
000000	incredibly/really/super/so	also an adjective
0000 	${\it especially/particularly/extraordinarily/exceptionally}$	also an adjective
0000 	extremely/very	e.g. 0000000
00 0 00	partly/partially	
00 0 00	entirely/wholly/altogether	also a noun; [goo]
0000	wholly/entirely	[goo]
000	entirely/completely/wholly	
0000	a lot/lots/plenty/much/a great deal; enough/too much	$(\square\square)$; also an adjective
0000	fully/as much as possible; a lot/many; all of	$(\square\square)$; also a noun and adjective
0000	plentifully/with excess/amply/abundantly/copiously/generously/fully/a lot $$	ONOMATOPOEIC
0000	best/most	
000	purposely/deliberately/intentionally	
0000	${\it coincidentally/by\ chance/unexpectedly/accidentally}$	also a noun
000	possibly/perhaps/by some chance	(000)
0000	maybe/perhaps/by some chance	
00000	perhaps/possibly/maybe/by any chance/if I'm not mistaken	
	if I'm not mistaken/if I remember correctly	also a noun
0 00 DD	probably/perhaps	
00	probably/most likely/almost certainly	(
	certainly/for sure/indeed/really	
0000	(what) the heck/(why) in the world/(who) on earth (emphatic question prefix)	

VE.4 Time

Table 140: Verbs: time.

Adverb	Meaning	Notes
	momentarily/for an instant	_

Adverb	Meaning	Notes
	all day long/throughout the day	note
	everlastingly/forever/for many years to come	
00000	eternally/indefinitely/endlessly/forever/for a long time $$	(0000)
000	suddenly/abruptly/unexpectedly; swiftly/rapidly/quickly/hastily/hurriedly; sharply/steeply (slope/bend)	
00	immediately/at once/right away; soon; easily; right near/ nearby	(==)
000	$immediately/at\ once/right\ away/instantly$	(000)
	immediately/at once/right now	
0000	$immediately/without\ delay/hurriedly/quickly$	
	early/soon/quickly/swiftly/rapidly	
0000	soon/it's about time/any time now (expresses impatience)	
	late/slowly	
0000	${\it slowly/unhurriedly/without\ haste/leisurely}$	ONOMATOPOEIC
0000	gradually/little by little/more and more/increasingly	
00	not yet/still	(00)
00	already; not any more/longer; again/another	again/another: used with counting 1
0000	finally/at last	
0000	now/at this stage (when it is already much too late)	
0000	at a glance/by accident	ONOMATOPOEIC
0000	originally/primarily	
0000	originally/from the start/from the onset	
ao 	$previously/before/earlier/formerly/recently; \ beforehand/in \ advance$	
00000	at present/currently/so far/for now/for the time being	
	at present/currently/so far/for now/for the time being	slang, abbreviation
00000	tentatively/for now/for the time being	also in Tables Table 137, Table 145
00 000	for quite some time/a long time	also a noun
000	the whole time/continuously; much (more); (by) far	
	${\it continuously/continued/without\ a\ break}$	
00	frequently/often	$(\stackrel{\circ}{\square}{\square})$; also in Table 141
000	always	(000)
0000	from now on/in the future; from here	also a noun

VE.5 Attitude

Table 141: Verbs: attitude.

Adverb	Meaning	Notes
0000	(walking) leisurely/aimlessly	ONOMATOPOEIC, also a verb
0000	without reservation/freely	
 	${\it calmly/quietly/gently/peacefully}$	also an expression
0000	diligently/seriously/earnestly; properly/perfectly/exactly/regularly; quickly	ONOMATOPOEIC
0000	properly/well/sufficiently/hard/fully (working)	also in Table 148
0000	clearly/plainly (clarity in sight/knowledge) (usu. $\tt DDDDDDDD$	also a verb
0000	carefully/with great care	also an adjective, verb
oo 000	in detail/fully/at length	

Adverb	Meaning	Notes
0000	properly/well/suitably; please do	(000)
0000	properly/well/suitably; please do	$(\Box\Box\Box)$; slang
<>0000	just like/as though one were $< >$	
00	nicely/properly/well/skilfully	$(\Box\Box)$; also in Table 140
000	absolutely/definitely/unconditionally	
0000<>00	by all means/of course do $<>$	
000000	to one's heart's content	also a noun
0 00 000	normally/ordinarily/usually/generally/commonly	
00000	usually/ordinarily/normally/regularly/generally/commonly	also a noun
0.00	usually/normally/generally/habitually/always	also a noun
0000	$generally/on\ the\ whole/mostly/almost/nearly/approximately roughly/about$	/
0000	$almost/nearly/mostly/practically/virtually/basically/just\\about$	$({}^{\scriptscriptstyle{000}}_{\scriptscriptstyle{0}}),$ also in Table 121
	really/truly	
00000	honestly/frankly	also an adjective
00	${\it separately/additionally/extra}$	
0000	a loof/cold/unfriendly/standoff is h	ONOMATOPOEIC also a verb; also in Table 147
0000	flirting/philandering/being lovestruck/fawning	ONOMATOPOEIC

VE.6 Emotions

Table 142: Verbs: emotions.

Adverb	Meaning	Notes
	with pleasure/gladly/willingly/certainly	
0000	thump-thump/bang-bang/pit-a-pat/pitter-patter	ONOMATOPOEIC also a verb
0000	to be excited/thrilled/nervous	ONOMATOPOEIC also a verb
000	with a pitter-patter/heart-wringing/tightening of one's chest caused by powerful feelings (e.g. parting); 0000000000	ONOMATOPOEIC
0000	${\rm feeling\ sick/queasy/nauseated/disgusted}$	also a verb
0000	${\it restlessly/nervously/uneasily/in~a~fidget}$	ONOMATOPOEIC also a verb
0000	grinningly/smirkingly	ONOMATOPOEIC also a verb
	unfortunately/regrettably	technically an expression

VE.7 Appearance and style

Table 143: Verbs: appearance and style.

Adverb	Meaning	Notes
00	in this way (closer to speaker)	
	in that way (closer to listener)	also an interjection
	in that way (distant)	
00000	approximately in this way (closer to speaker)	
00000	approximately in that way (closer to listener)	
000000	approximately in that way (distant)	(0000)
0000	glittering/sparkling/glistening/twinkling	ONOMATOPOEIC
000000	${\it hopping/skipping/lightly\ and\ repeatedly\ jumping}$	ONOMATOPOEIC
000	with a smooch/light smacking sound	ONOMATOPOEIC

Adverb	Meaning	Notes
0000	kissing loudly/smoothing; squirting/gushing	ONOMATOPOEIC
00000	with small quick steps/toddling	ONOMATOPOEIC
00000	$mumbling\ in comprehensibly/mutteringly/murmuringly$	ONOMATOPOEIC

VE.8 Interaction

Table 144: Verbs: interaction.

Adverb	Meaning	Notes
00000	for the first time in a while/after a long time	
	together/at the same time; identical	
<with>0000</with>	together with	
000	please/if you would/would you mind (sentence starter)	polite; also a pronoun
000	please/by all means/certainly/of course/go ahead/feel free to; here you are (passing something)	
	certainly/without fail/by all means	
0000	certainly/by all means	(0000)
	necessarily/certainly/without fail	

VE.9 Knowledge, truth and reality

Table 145: Verbs: knowledge, truth and reality.

Adverb	Meaning	Notes
	to be honest/frankly/to tell you the truth	
	in fact/actually/in reality/to tell the truth (as oppose expectation)	ed to
000	actually/really/truly/in practice (as opposed to expe	ctation)
000	as expected/sure enough; in any case/after all/in the	end
0000	as expected/sure enough; in any case/after all/in the	end
0000 00	naturally/rightly/deservedly/justly	also an adjective
000	just as you'd expect from	
0000	as one would expect/naturally/indeed	(000)
0000	of course/certainly/naturally/definitely	
0000	anyway/in any case	(000)
00000	anyway	also in Tables Table 137, Table 140

VE.10 Ability

Table 146: Verbs: ability.

Adverb	Meaning	Notes
0000	fluently (speaking a foreign language)	also an adjective

VE.11 Taste and texture

Table 147: Verbs: taste and texture.

Adverb	Meaning	Notes
0000	licking/lapping up; gobbling up	
0000	lightly/buoyantly	ONOMATOPOEIC, also an adjective

Adverb	Meaning	Notes
000	thickly/viscously/stickily/creamily	ONOMATOPOEIC
000	thick/muddy/gooey (of liquid)	ONOMATOPOEIC
0000	squishy/springy/bouncy (chubby when used on person)	ONOMATOPOEIC
0000	hard/crunchy (of muscles, when used on person)	ONOMATOPOEIC
0000	muscular/brawny	slang
0000	spiky (hairstyle); sticking up straight (e.g. plant stems)	ONOMATOPOEIC also in Table 141

VE.12 Amounts and sizes

Table 148: Verbs: amounts and sizes.

Adverb	Meaning	Notes
0000	to what extent/amount	
0000	to this extent/amount	
0000	to that extent/amount	
0000	to that extent/amount (distant memory)	
0000	how far/to what extent/up to what point	
${\tt OOOOO}{<}{\rm nn/adj}{>}$	how long/how far/how much	
00	many/much/plenty/a lot	
000	some more/even more/longer/further	
	less than/under/below (esp. \bigcirc	SUFFIX
DDDD <negative></negative>	hardly/barely/scarcely/little	$(\square\square)$, also in Table 141
0000	just barely/only just/at the very limit/at the last moment	
0000	half	also a noun
	sufficiently/fully/thoroughly/well/perfectly	also an adjective
00	almost/roughly/approximately/about/around	
0000	approximately/about/or so	also in Table 139
0000	large majority/proportion; most/almost all of	$(\square\square)$, also in Table 141
0000	tightly/closely; exactly/precisely; perfectly suited/in an ideal manner	
0000	$\label{eq:condition} firmly/securely/tightly (holding on); strongly/solidly/sturdily (built)$	also in Table 141
00	for the first time	
00	again/once again/another time/some other time; also; on the other hand $$	(□)
	one more time/once again	
0000	one more time/once again	slang, abbreviation
<v te="">000<></v>	only after <v te=""> is it/do you <></v>	
0000	all members/everyone	also a noun

VE.13 Onomatopoeia

Table 149: Verbs: general onomatopoeia.

Adverb	Meaning	Notes
0000	ding-dong (doorbell/intercom)	ONOMATOPOEIC
0000	ding ding!/correct!/right answer!	ONOMATOPOEIC, slang