ω-Verbs:

	Singular	Plural	same as dative present participle	Meaning	
Present:	λυω εις ει	ομεν ετε ουσι(ν)		I am loosing / I loose (+σ → Future)	ch3
Imperf/2ⁿᵈ A:	ἐλυον ες ε(ν)	ομεν ετε ον		I was loosing (clues: ον ς ν μεν τε ον — note overlap)	ch7
1ˢᵗ Aorist:	ἐλυσα σας σε(ν)	σαμεν σατε σαν		I loosed (=σα + ~ ς ςεν μεν τε ν — note ε exception)	
Perfect:	λελυκα κας κε(ν)	καμεν κατε κασι(ν)		I have loosed: front redup; without κ for 2ⁿᵈ perfect	ch10
οἶδα present (dep):	οἶδα οἶδας οἶδε(ν)	οἴδαμεν οἴδατε οἴδασι(ν)		I know (perfect form; present translation)	
Pluperfect:	(ἐ)λελύκειν κεις κει	κειμεν κειτε κεισαν		I had loosed: ἐ(usually) + reduplication	
οἶδα imperf:	ἤδειν ἤδεις ἤδει	ἤδειμεν ἤδειτε ἤδεισαν		I knew (pluperfect form; imperfect translation)	
Present:	λύομαι η εται	ομεθα εσθε ονται		P: I am being loosed: agency 'by': ὑπό(G), διά(G), (ἐν)(D)	ch12
Imperf/2ⁿᵈ A:	ἐλυόμην ου ετο	όμεθα εσθε οντο		M: I was loosing (self); P: I was being loosed	ch14
1ˢᵗ Aorist M:	ἐλυσάμην σω σατο	σάμεθα σασθε σαντο		I loosed (self)	
Perfect:	λέλυμαι σαι ται	μεθα σθε νται		M: I have loosed (self); P: I have been loosed	ch13
Pluperfect:	ἐλελύμην σο το	μεθα σθε ντο		M: I had loosed (self); P: I had been loosed (only 7 in NT)	
Aorist Passive:	ἐλυθην θης θη	θημεν θητε θησαν		I was loosed ch15	
Future Psve:	λυθησομαι θηση θησεται	θησομεθα θησεσθε θησονται		I will be loosed	

Active { Present / Imperf / 1ˢᵗAorist / Perfect / Pluperfect

Middle / Passive (When accusative)

(When agent)

Liquids: αναβαινω/καταβαινω αιρω/εγειρω/σπειρω αγγελλω/αποστελλω/αποκτεινω θελω/μενω/κρινω

ch19 Liquid λμνρ verbs: fut: σ→ε then amalgamated aorist: σ→lengthend final stem vowel
Contract αεο verbs: act+imperf only; in other tenses, lengthened final stem vowel
pres stem end: λ→λλ; ρ→ιρ

μι-Verbs:
ch25

other mood/tense endings match ω-Verbs except aorist σ->κ (usually); aorist act. inf. σαι->ναι; ptc: δους δοντος ...

	Singular	Plural		M/P:	
Present:	A: δίδω-μι -ς -σι(ν)	δίδο-μεν -τε -ασι(ν)		M/P: δίδο-μαι σαι ται μεθα σθε νται	
Imperf:	A: ἐδίδου-ν -ς -	ἐδίδο-μεν -τε -σα(ν)		M/P: ἐδιδό-μην σο το μεθα σθε ντο	

pres: lengthen ο->ω | ε/α->η in sg; **imperf:** lengthen ω->ου | ε/α->ει/η in sg.

εἰμι (to be)
ch3

	Singular	Plural	
pres:	εἰμι εἶ ἐστι(ν)	ἐσμεν ἐστε εἰσι(ν)	I am: present
imperf:	ἤμην ἦς ἦν	ἤμεν ἦτε ἦσαν	I was: imperfect indicative of εἰμι
future:	ἔσομαι ἔση ἔσται	ἐσόμεθα ἔσεσθε ἔσονται	I will be: future indicative of εἰμι

Contractions

	+ε	+ο
α	ᾱ (ᾳ*)	ω
ε	εῖ	ου
ο	οῦ (οῖ*)	ου
* for εις/ει/η		

μι-Verbs

lexical	root
διδωμι	δο
τιθημι	θε
ἱστημι	στα

Optative: wish (μι-endings) conn. vowel = οι, αι, θει εἰμί = εἴν

Nouns:
(Remember: neuter plural nouns take singular verbs)

ch4 **2ⁿᵈ declension:** M/F: ος ου ω ον ε ιο ων ιος ους N: Sg: ον--ον Pl: α--α **Fem. eg:** ἐρημος ὁδος

ch5 **1ˢᵗ declension:** Sg. memory clue – M 'souin': ς ου ι ν F 'sin': ~ ς ι ν as follows:

	Singular	Plural
M ης-stem	ης ου η ην Voc: α	αι ων αις ας
M ας-stem	ας ου α αν Voc: α	αι ων αις ας
F ειρ-stem:	α ας α αν	αι ων αις ας
F σζξψ-stem:	α ης η αν	αι ων αις ας
F others:	η ης η ην	αι ων αις ας

Article	Singular	Plural	
M:	ὁ του τω τον	οἱ των τοις τους	(follows 2ⁿᵈ decln)
F:	ἡ της τη την	αἱ των ταις τας	(follows 1ˢᵗ decln)
N:	το =M =M το	τα =M =M τα	

1ˢᵗ decln. Case clues (memorise)

Case	Singular		Plural
N.	M: ας/ης	F: α/η	οι/αι
G.	M: ου	F: ας/ης	ων
D.		ι	οις/αις
A.	ν		ους/ας
Beware overlaps in (red)			

Pronouns:

ch11 **Dem.** this/these: M: οὗτος τούτου... οὗτοι... F: αὕτη ταύτης... αὗται τούτων ταύταις... N: τοῦτο τούτου... ταῦτα -ων -οις ταῦτα
that/those: ἐκεῖνος ... then follows the article for M & F & N

Note: if modifying noun, agree in gender&num&case and in predicative pos. and noun has article; else substantive

ch9 **Personal:** memory clue – μου μοι με εις ων ιν ας

	Singular	Plural	
1ˢᵗ:	ἐγω (ἐ)μου (ἐ)μοι (ἐ)με	ἡμεις ἡμων ἡμιν ἡμας	(I/we/ourselves – ἐ for special emphasis)
2ⁿᵈ:	συ σου σοι σε	ὑμεις ὑμων ὑμιν ὑμας	(you/yourselves)
3ʳᵈ M:	αὐτ + ος ου ω ον	οι ων οις ους	(him/theirselves – follows 2ⁿᵈ decln)
3ʳᵈ F:	αὐτ + η ης η ην	αι ων αις ας	(her/theirselves – follows 1ˢᵗ decln)
3ʳᵈ N:	αὐτ + ο ου ω ο	α ων οις α	(it/themselves – follows article)

Normal αυτ*: as **pronoun** agrees in gender&num with the antecedent
(notes p80) next to **pronoun**, intensifier, agrees num&case: ἐγω αὐτος λεγω = I myself speak
next to **verb**, agrees in number; always nom. functions as intensifier 'self'
Special αυτ*: with **noun** agrees in gender&number&case **attributive**='same'; **predicative**=self

Combine => "indefinite relative" (mostly nom): ὅστις, ἥτις, ὅτι οἵτινες, αἵτινες, ἅτινα: 'who/whoever', 'what/whatever'
ch22 **Interrogative:** M/F (who): τίς τίνος τίνι τίνα τίνες τίνων τίσι(ν) τίνας N (what/why): τί--τί τίνα--τίνα (follows 3ʳᵈ decln)
Indefinite (no ΄): τις τινος τινι τινα τινες ... some/certain/several/any one/thing(s)
Relative (all rough): M: ὃς οὗ ᾧ ὃν οἳ ὧν οἷς οὓς F: ἣ ἧς ᾗ ἣν αἳ ὧν αἷς ἃς N: ὃ--ὃ ἅ--ἃ who/whom/which (like αυτος decln)
Reciprocal: ἀλλήλων: of one another ἀλλήλοις: to one another ἀλλήλους: one another (from ἀλλος 'another')
Reflexive: Sg: 1ˢᵗp: ἐμ* 2ⁿᵈp: σε* 3ʳᵈp: ἑ* Pl: ἑ* myself, yourself, him/her/itself(s) (*=all αυτος forms)
Posessive: Sg. p'ssor: 1ˢᵗp: ἐμ+ 2ⁿᵈp: σ+ 3ʳᵈp: ἰδι+ Pl. p'ssor: 1ˢᵗp: ἡμετερ+ 2ⁿᵈp: ὑμετερ+ (+=2ⁿᵈ decln: N=ον--ον)
(my) (your) (his/her/its) (our) (your) (+matches gen/no./case of possessed)

ch6 **Adjectives:** art + adj → attributive adj first or last → predicative: 'is' no noun → substantive: 'people'

	Singular	Plural	
M (F if ἁ-prefix):	ος ου ω ον ε	ιο ων ιος ους	N: ον--ον α--α (2nd decln)
F:	η ης η ην	αι ων αις ας	(1st decln)
	^α if stem ends ε/ι/ρ		Note: Adjectives must agree with the noun in gender&num&case

ch17 **3rd declension:** M/F: ς ος ι α   ες ων σι(ν) ας   N: ~ ος ι ~ α ων σι(ν) α   (for adjectives)

Noun→genitive: M: -ων/ηρ -ευς → -ος -εως   F: -ξ -ις → -ος -εως   N: -μα/-ρ -ος → -ματος -ους

ἀρχων, ὁ:	-ων -οντος -οντι -οντα	-οντες -οντων -ουσι(ν) -οντας	(+ ἡ γυνή/θυγάτηρ/μήτηρ)
βασιλευς, ὁ:	-ευς -εως -ει -εα	-εις -εων -ευσι(ν) -εις	D. has ε prefix in 3 hard forms
σαρξ, ἡ:	ξ -κος -κι -κα	-κες -κων -ξι(ν) -κας	(incl. ἐλπὶς, χάρις, χείρ)
πολις, ἡ:	-ις -εως -ει -ιν	-εις -εων -εσι(ν) -εις	N.Sg ις/ευς → εις in Pl N./A.
σωμα, το:	-μα -ματος -ματι -μα	-ματα -ματων -μασι(ν) -ματα	(incl. πῦρ, ὕδωρ φῶς)
γενος, το:	-ος -ους -ει -ος	-η -ων -εσι(ν) -η	N.Sg ος → η in Pl

ch18 **Adjs:** εἷς (3-1-3): M: εἷς ἑνός ἑνί ἕνα   F: μία μιᾶς μιᾷ μίαν   N: ἕν ἑνός ἑνι ἕν   (sg. only)   (one)

ἀληθής (3-3): M/F: ἀληθής, ἀληθοῦς -εῖ -ῆ -εῖς -ῶν -έσιν -εῖς N: ἀληθές, -οῦς -εῖ -ές -η -ῶν -έσιν -η   (true)

(ἄ)πᾶς (3-1-3): M: πᾶς παντός παντί πάντα   πάντες πάντων πᾶσι(ν) πάντας   (whole, each, all)

      F: πᾶσα πάσης πάσῃ πᾶσαν   πᾶσαι πασῶν πάσαις πάσας

      N: πᾶν παντός παντί πᾶν   πάντα πάντων πᾶσι(ν) πάντα

attributive: whole (anarthrous: each) **predicate:** all (usual) **substantive:** each/every/all person/thing

πολύς (2-1-2): M: πολύς πολλοῦ πολλῷ πολύν ... F: πολλή -ης ... N: πολύ -λλοῦ -λλῷ πολύ πολλά ... (many)

μέγας (2-1-2): M: μέγας μεγάλου μεγάλῳ μέγαν ... F: μεγάλη -ης ... N: μέγα - - μέγα μεγάλά ... (great)

[μείζων (3-3): M: μείζων -ονος -ονι -ονα -ονες -ονων -οσιν -ονας N: -ον - - ον -ονα - - -ονα   (same as πλειων)]

comparative: M: δικαιότερος -τερου ... F: -τερα -τερας ... N: νεώτερον -τερου ... -τερα ... (2-1-2)

superlative: M: ἰσχυρότατος -τατου ... F: -τατη -τατης ... N: σοφώτατον -τατου ... -τατα ... (2-1-2)

ch20 **Participles**
also the form of εἰμι participle: 'be'   overlap aorist indicative or imperfect ind

	M:	F:	N:	αντ+σιν→ασιν εντ+σιν→εισιν [οω]ντ+σιν→ουσιν	
Active { Present (3-1-3):	ων οντος ...	ουσα ουσης ...	ον οντος ...	(+2nd Aorist)	while ~ing
Aorist (3-1-3):	σας σαντος ...	σασα σασης ...	σαν σαντος ...	(No front ε)	after ~ing
Perfect (3-1-3):	κως κοτος ...	κυια κθιας ...	κος κοτος ...	(with redup)	having ~ed
Middle/Passive { Present M/P:	ομενος ομενου ... (2-1-2)	ομενη ομενης ...	ομενον ομενου ..	(+2nd Aorist)	while being ~ed
Aorist M:	σαμενος σαμενου ...	σαμενη σαμενης	σαμενον σαμενου ... σαμενα ...		after ~ing (self)
Perfect M/P:	μενος μενου ...	μενη μενης ...	μενον μενου ... μενα ...		having been ~ed
Aorist Passive:	θεις θεντος ... D: θεισιν ...	θεισα θεισης ...	θεν θεντος ...	(+2nd Aor: no θ)	after being ~ed

attrib | subst: has article, 'the ~ing man' | **predicate(periphrastic):** εἰμι/γινομαι 'I am ~ing' | **adverbial:** 'while/after/having ~'

(^ pres / ^ aor / ^ perfect)

ch21 **Note:** subject of infinitive is in the accusative

Infinitives Pres Aor Perf: Act: ειν σαι κεναι   M/P: εσθαι σασθαι σθαι   Aor Pass: θῆναι   εἶναι = to be

covers whole action   with plu/perfect verb

contract-αεο-verb present: Act: τιμᾶν, φιλεῖν, δηλοῦν   M/P: τιμᾶσθαι, φιλεῖσθαι, δυλοῦσθαι   (from εν instead of ειν)

arthrous=subst anarthrous=compl. verb ⇒ purpose: [εἰς/προς τό][τοῦ] inf | result: ὥστε inf | cause: δια τό inf | time: eg ἐν τῳ =while

ch23 **Subjunctives:** Act: ω ῃς ῃ ωμεν ητε ωσι(ν)   M/P: ωμαι ῃ ηται ωμεθα ησθε ωνται   (lengthen vowel)

εἰμι subj. = ὦ ᾖς ᾖ ... (add accent) 'be'

Aorist: Act: σω σῃς σῃ σωμεν ...   Mid: σωμαι σῃ σηται σωμεθα σησθε σωνται   Aor Pass: θω θῆς θῇ θωμεν θητε θωσιν

Uses: let's | shall/can we? | μη+Aor | οὐ μη: certainly won't | ἱνα/ὁπως: so that | ὁς ἀν / ὁταν whoever/whenever

   hortative deliberative prohibitive emph. negative purpose indefinite subject / time

Condition: **simple ind** εἰ | **contra-fact** εἰ+past: if you had | **present general** ἐαν+subj: if ... is ... | **prob. fut.** ἐαν+subj if ... will ...

Question bias: οὐ/οὐχι assumes **yes:** 'Isn't/Doesn't/Won't ... ?'   μη assumes **no:** 'He isn't ..., is he?'

ch24 **Imperatives:** Act: - ε ετω - ετε ετωσαν   M/P: - ου εσθω - εσθε εσθωσαν   εἰμι: - ἰσθι ἐστω - ἐστε ἐστωσαν

same ending as present infinitive & 3rd-sg optative

Aorist: Act: - σον σατω - σατε σατωσαν   Mid: - σαι σασθω - σασθε σασθωσαν   Aor Pass: - θητι θητω - θητε θητωσαν

Uses: **command** (pres=continue doing; aor=do once) | **prohibition** (with μη) | **entreaty** (give us our daily bread)

ch8

Prepositions:	G	D	A
no prep	of/from	to/in/by/for	
ἀπο	from; away from (apostasy), of		
ἐκ	out of (exit); from, by		
ἐν		in; within, by, with, among	
εἰς			into (eisegesis); to, for, in
ἀντί	instead of (antichrist)		
πρό	before (prologue)		
σύν		with (synchronous)	
ἀνά			up (anastasis)
πρός	for	at	to/toward/with (proselyte)
διά	through; by (diameter)		because of
κατά	against; down		according to
μετά	with		after
περί	about (periscope)		around (perimeter)
ὑπέρ	for		above (hyperactive)
ὑπό	by		under (hypothermia)
ἐπί	———————— upon ————————		
παρά	from	with (paraclete)	beside (parallel)