ω-Verbs:	Singular	Plural	Meaning	
Active				
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:	ἔλυσα σας σε(ν)	σαμεν σατε σαν	I loosed (=σα + ~ς ςεν μεν τε ν — note ε exception)	
Perfect:	λελύκα 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:	ᾔδειν ᾔδεις ᾔδει	ᾔδειμεν ᾔδειτε ᾔδεισαν	I knew (pluperfect form; imperfect translation)	
Middle / Passive (When accusative / When agent)				
Present:	λύομαι ῃ 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 θηςῃ θησεται	θησομεθα θησεσθε θησονται	I will be loosed	

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

Contractions	+ε	+ο
α	ᾶ (ᾷ*)	ω
ε	εῖ	ου
ο	οῦ (οῖ*)	ου

* for εις/ει/η

ch25 **μι-Verbs:**

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

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.

μι-Verbs	
lexical	root
διδωμι	δο
τιθημι	θε
ἱστημι	στα

ch3 **εἰμι** (to be) pres:	εἰμι εἶ ἐστι(ν)	ἐσμεν ἐστε εἰσι(ν)	I am: present	
imperf:	ἤμην ἦς ἦν	ἦμεν ἦτε ἦσαν	I was: imperfect indicative of εἰμι	
future:	ἔσομαι ἔσῃ ἔσται	ἐσόμεθα ἔσεσθε ἔσονται	I will be: future indicative of εἰμι	

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 ῳ 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:

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

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)	

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

Pronouns:

ch11 Dem. this/these: M: οὗτος τούτου... οὗτοι... F: αὕτη ταύτης... αὗται τούτων ταύταις... N: τοῦτο τούτου... ταύτα -ων -οις ταύτα
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	
1st:	ἐγω (ἐ)μου (ἐ)μοι (ἐ)με	ἡμεις ἡμων ἡμιν ἡμας	(I/we – ἐ for special emphasis)
2nd:	συ σου σοι σε	ὑμεις ὑμων ὑμιν ὑμας	(you/yous)
3rd M:	αὑτ + ος ου ῳ ον	οι ων οις ους	(follows 2nd decln)
3rd F:	αὑτ + η ης ῃ ην	αι ων αις ας	(follows 1st decln)
3rd N:	αὑτ + ο ου ῳ ο	α ων οις α	(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 ἃ--ἃ who/whom/which (like αυτος decln)
Reciprocal:	ἀλληλων: of one another	ἀλληλοις: to one another	ἀλληλους: 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+ (my) 2ndp: σ+ (your) 3rdp: ἰδι+ (his/her/its)	**Pl. p'ssor:** 1stp: ἡμετερ+ (our) 2ndp: ὑμετερ+ (your)	(+=2nd decln: N=ον--ον) (+matches gen/no./case of posessed)

ch6 **Adjectives:**	art + adj → attributive	adj first or last → predicative: 'is'		no noun → substantive: 'people'
M (F if ἀ-prefix):	ος ου ῳ ον ε	ιο ων ιος ους	N: ον--ον α--α	(2nd decln)
F:	η ης ῃ 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 (for adjectives) N: ~ ος ι ~ α ων σι(ν) α

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

αρχων, 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)

(ἅ)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 μεγάλα ... (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
Active: Aorist (3-1-3):	σας σαντος ...	σασα σασης ...	σαν σαντος ...	(No front ε)	after ~ing
Active: 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
Middle / Passive: Aorist M:	σαμενος σαμενου ...	σαμενη σαμενης	σαμενον σαμενου ...	σαμενα ...	after ~ing (self)
Middle / Passive: Perfect M/P:	μενος μενου ...	μενη μενης ...	μενον μενου ...	μενα ...	having been ~ed
Middle / Passive: 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 **Infinitives** Pres Aor Perf: **Act:** ειν σαι κεναι covers whole action **M/P:** εσθαι σασθαι σθαι with plu/perfect verb **Aor Pass:** θῆναι εἶναι = to be

Note: subject of infinitive is in the accusative

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:** ὡστε *inf* | **cause:** δια τό *inf* | **time:** eg ἐν τῳ =while

ch23 **Subjunctives:** **Act:** ω ης η ωμεν ητε ωσι(ν) εἰμι subj. = ὦ ᾖς ᾖ ... (add accent) 'be' **M/P:** ωμαι η ηται ωμεθα ησθε ωνται (lengthen vowel)

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

Uses: let's (**hortative**) | shall/can we? (**deliberative**) | μη+Aor (**prohibitive**) | οὐ μη: certainly won't (**emph. negative**) | ἵνα/ὅπως: so that (**purpose**) | ὁς ἀν / ὁταν whoever/whenever (**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 same ending as present infinitive & 3rd-sg optative **M/P:** - ου εσθω - εσθε εσθωσαν **εἰμι:** - ἰσθι ἐστω - ἐστε ἐστωσαν

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 (*apo*stasy), of		
ἐκ	out of (*ex*it); from, by		
ἐν		*in*; within, by, with, among	
εἰς			into (*eis*egesis); to, for, in
ἀντί	instead of (*anti*christ)		
πρό	before (*pro*logue)		
σύν		with (*syn*chronous)	
ἀνά			up (*ana*stasis)
πρός	for	at	to/toward/with (*pro*selyte)
διά	through; by (*dia*meter)		because of
κατά	against; down		according to
μετά	with		after
περί	about (*peri*scope)		around (*peri*meter)
ὑπέρ	for		above (*hyper*active)
ὑπό	by		under (*hypo*thermia)
ἐπί	upon		
παρά	from	with (*para*clete)	beside (parallel)