Counting and Numbers

Expanding Your Greek Vocabulary

A lesson for the *Paideia* web-app
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Counting from 1-10

1	εἷς, μία, ἕν	henotheism
2	δύο	duo, duette
3	τρεῖς, τρία	tricycle, trident
4	τέσσαρες, τέσσαρα	tesseract
5	πέντε	pentagon, pentathelon
6	ἕξ	hexagon
7	ἑπτά	*sept*, heptathelon
8	ὀκτώ	octagon, octopus
9	ἐννέα	
10	δέκα	Decalogue, decathelon

Numbers are Adjectives

- Can modify nominals
  - Ἔχει *ἑπτα ἀρτους.*
  - *Τρια θυγατερες* αὐτης βαινουσι.
- Can also stand alone
  - Ellipsis
    - *Ποσους ἀρτους θελεις; Θελω ἐννεα.*
  - Substantive
    - *Τίνας ζητεις;* Τους ἑπτα *ζητω.*

The Forms of the Numbers 1-4

- From 5 to 100 numbers are "indeclinable"
  - Their form doesn't change for gender or case
- 1-4 (εἱς—τεσσαρες) do change like other adjectives

The Forms of εἰς

- **Εἱς** is most complete
  - Masc. and neut. like 3rd declension
    - The same in two of the four cases
    - neut. nominative = neut. Accusative
  - Feminine like 1st declension
    - With α rather than η for the connecting vowel
  - No plural forms!
    - Since it's the number one

	Masc.	Fem.	Neut.
nom.	εἷς	μια	ἑν
gen.	ἑνος	μιας	ἑνος
dat.	ἑνι	μιᾳ	ἑνι
acc.	ἑνα	μιαν	ἑν
voc.	--	μια	ἑν

singular

The Forms of δυο

- **Δυο** only has two different forms
  - Same for **all** three genders
  - Same in **all** but the dative case
  - From here on **all** forms are *plural*

	Masc.	Fem.	Neut.
nom.		δυο	
gen.		δυο	
dat.		δυσι(ν)	
acc.		δυο	
voc.		δυο	

plural

The Forms of τρεις

- **Τρεις** is a 3rd declension adjective
  - Stem is τρι-
  - Masc. and fem. nominative
    - τρι + ες = τρεις
  - Plural forms
    - So −α is neut. plural (not fem. singular)

	Masc. / Fem.	Neut.
nom.	τρεις	τρια
gen.	τριων	τριων
dat.	τρισι(ν)	τρισι(ν)
acc.	τρεις	τρια
voc.	τρεις	τρια

plural

The Forms of τεσσαρες

- **Τεσσαρες** is 3ʳᵈ declension
  - Stem is *τεσσαρ-*
  - Plural forms
    - So *–α* is neut. plural (not fem. singular)

	Masc. / Fem.	Neut.	
nom.	τεσσαρες	τεσσαρα	
gen.	τεσσαρων	τεσσαρων	
dat.	τεσσαρσι(ν)	τεσσαρσι(ν)	plural
acc.	τεσσαρας	τεσσαρα	
voc.	τεσσαρες	τεσσαρα	

Counting from 11-19

- Combine 1-9 with δεκα
  - 11-12: the numbers jammed together
    - The υο of δυο contracts to ω
  - 13-19: connect with καὶ
    - The words can appear separated or jammed together as if one word

11	ἔνδεκα
12	δώδεκα
13	τρεισκαίδεκα
14	τεσσαρακαίδεκα
15	πεντεκαίδεκα
16	ἑξκαίδεκα
17	ἑπτακαίδεκα
18	ὀκτωκαίδεκα
19	ἐννεακαίδεκα

The Tens from 20-90

- 20 is *εἴκοσι*

- Rest combine 3-9 with *-κοντα*
  - Changes from lazy pronunciation
    - 50-90: η connecting vowel
    - 70 and 80: combinations πτ and κτ soften to βδ and γδ
    - 70: extra μ before connecting vowel
    - 90: the νε in ἐννεα reversed (ἐνενη- rather than ἐννεα-)

20	*εἴκοσι*
30	τριάκοντα
40	τεσσεράκοντα
50	πεντήκοντα
60	ἑξήκοντα
70	ἑβδομήκοντα
80	ὀγδοήκοντα
90	ἐνενήκοντα

Expressing 'None'

- **Οὐδεις, οὐδεμια, οὐδεν**, "no, none"
  - **οὐδ-** or **οὐδε-** + forms of **εἱς**
    - Any rough breathing dropped
  - Can act like adjective (modify a nominal)
    - **Οὐδεμια** γαλα κακα. "<u>No</u> milk is bad."
  - Can act like pronoun
    - **Οὐδεις** ἀγαθος. "<u>No one</u> is good."
    - **Οὐδεν** ἐχομεν. "We have <u>nothing</u>."

	Masc.	Fem.	Neut.
nom.	ουδ**εἱς**	ουδεμι**α**	ουδεν
gen.	ουδεν**ος**	ουδεμι**ας**	ουδεν**ος**
dat.	ουδεν**ι**	ουδεμι**ᾳ**	ουδεν**ι**
acc.	ουδεν**α**	ουδεμι**αν**	ουδεν
voc.	--	ουδεμι**α**	ουδεν

singular

Keep Learning

- You can learn more about Greek numbers here:
  - Mounce, *Basics of Biblical Greek* (3rd edition)
    - εἰς, 10.12 (p. 82)
    - δυο and τρεις, Chapter 27 vocabulary (pp. 252-3)