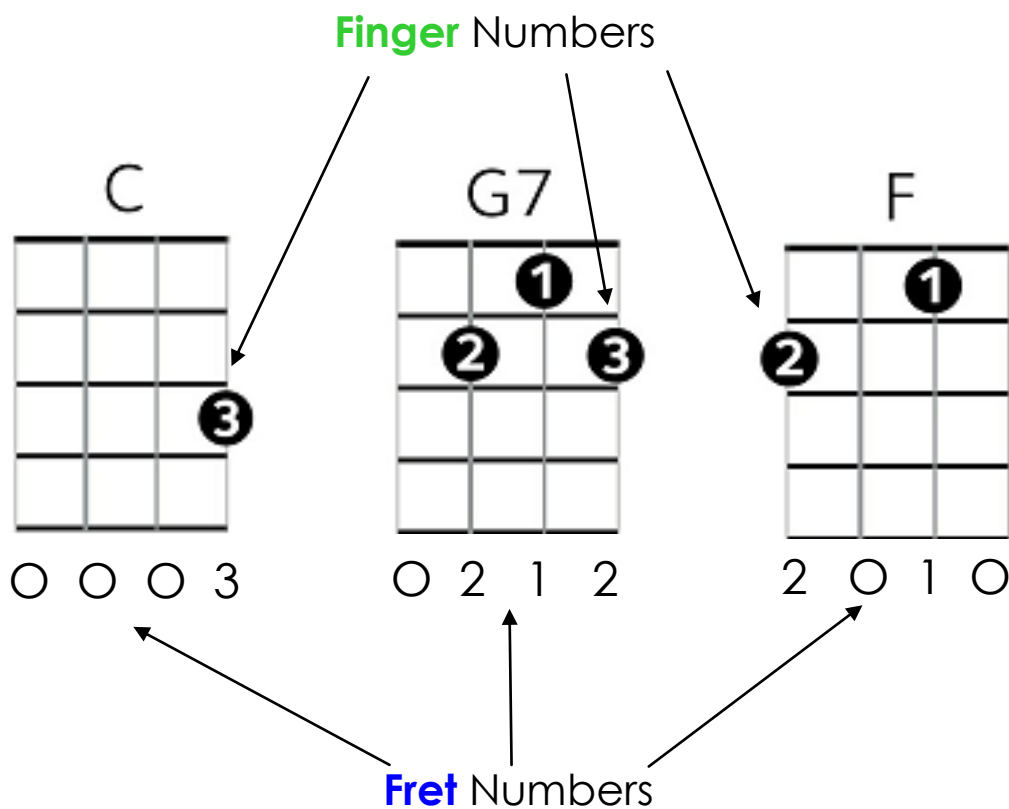# Define Chords by Fret Numbers

When chord boxes aren't available, chord patterns can be defined using numbers. Reading from the bottom (G) string to the top (A) string, refer to the **frets** by number.
Thus, **chord C** is G string open, C string open, E string open, A string 3rd fret.
(note: Open strings are sometimes called Zero)

*Caution - don't confuse **finger** numbers with **fret** numbers.*

Name these chords:

2 O 2 O	2 1 O O	O 2 O 2
O 3 3 1	2 2 2 O	3 2 1 1
O O O O	2 2 1 O	1 O 1 3
O 2 3 2	O 4 3 2	1 2 O 2