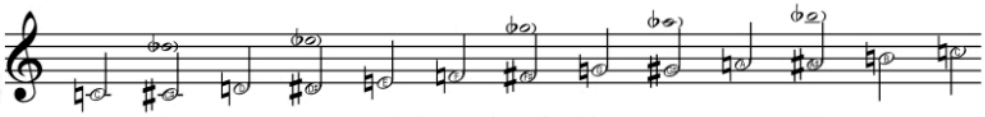
Test 1 Grade: ___/12

What you need to know:



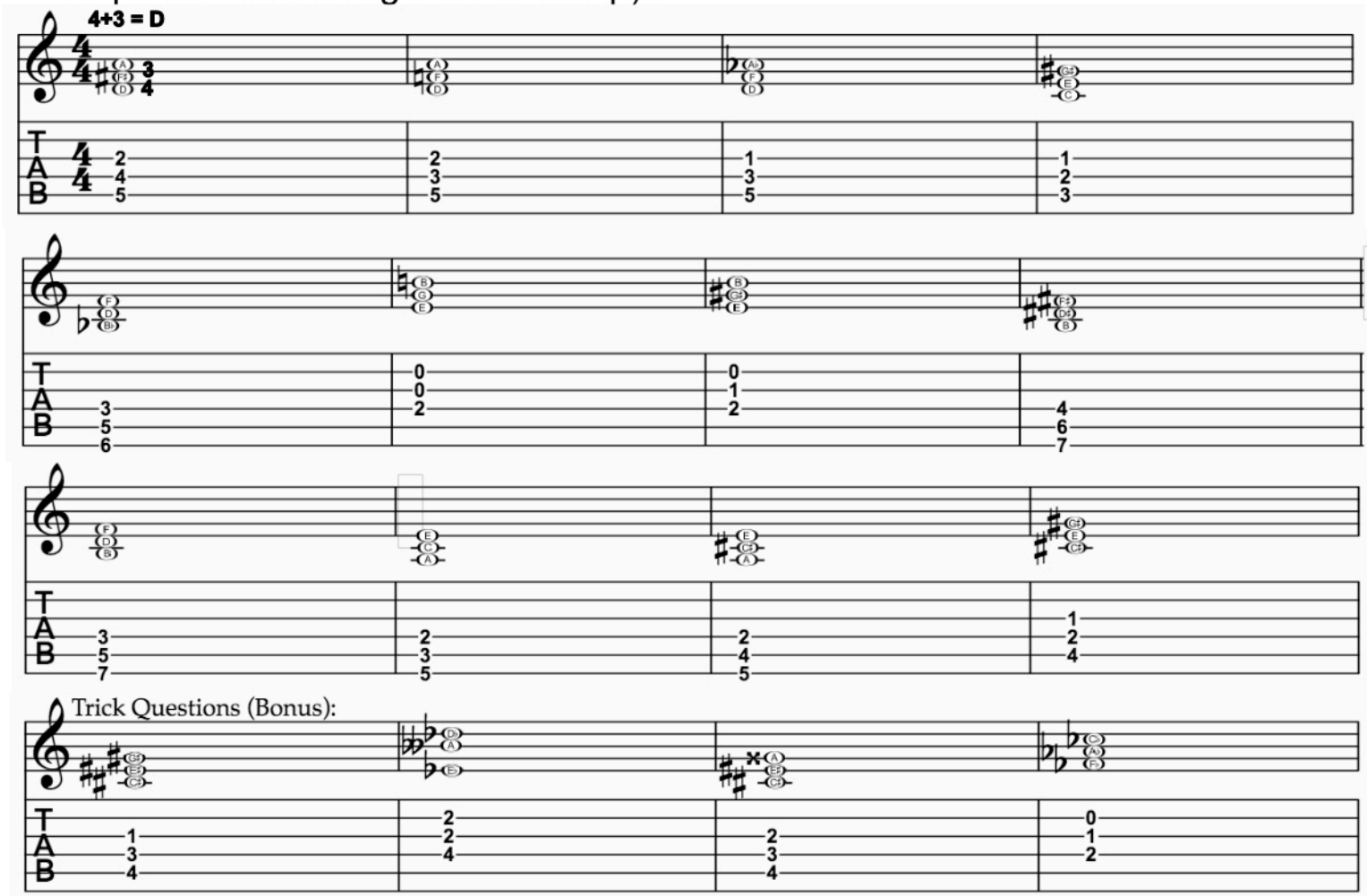
This quiz works on how to name any chord in music quickly, and without referencing anything.

Half Step is the smallest distance in twelve tone music. Example: The distance from C to C#

Chord Formulas

Spoken Name	Half Step Formula	Scale Degree Formula	Example in C Major	Chord Nomenclature
Augmented	4 + 4	1 3 #5	C E G#	C+ or CAug
Major	4 + 3	1 3 5	C E G	C
Minor	3 + 4	1 ♭3 5	C E♭ G	Cm or C-
Diminished	3 + 3	1 ♭3 ♭5	C E♭ G♭	Cdim or C°

Write down the chord nomenclature names for these chords (writing half steps and scale degrees can help):



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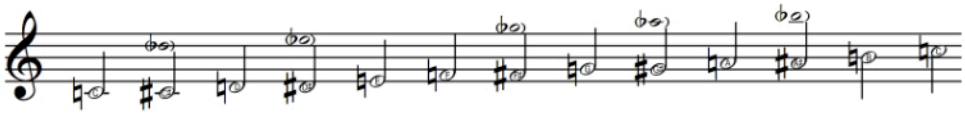
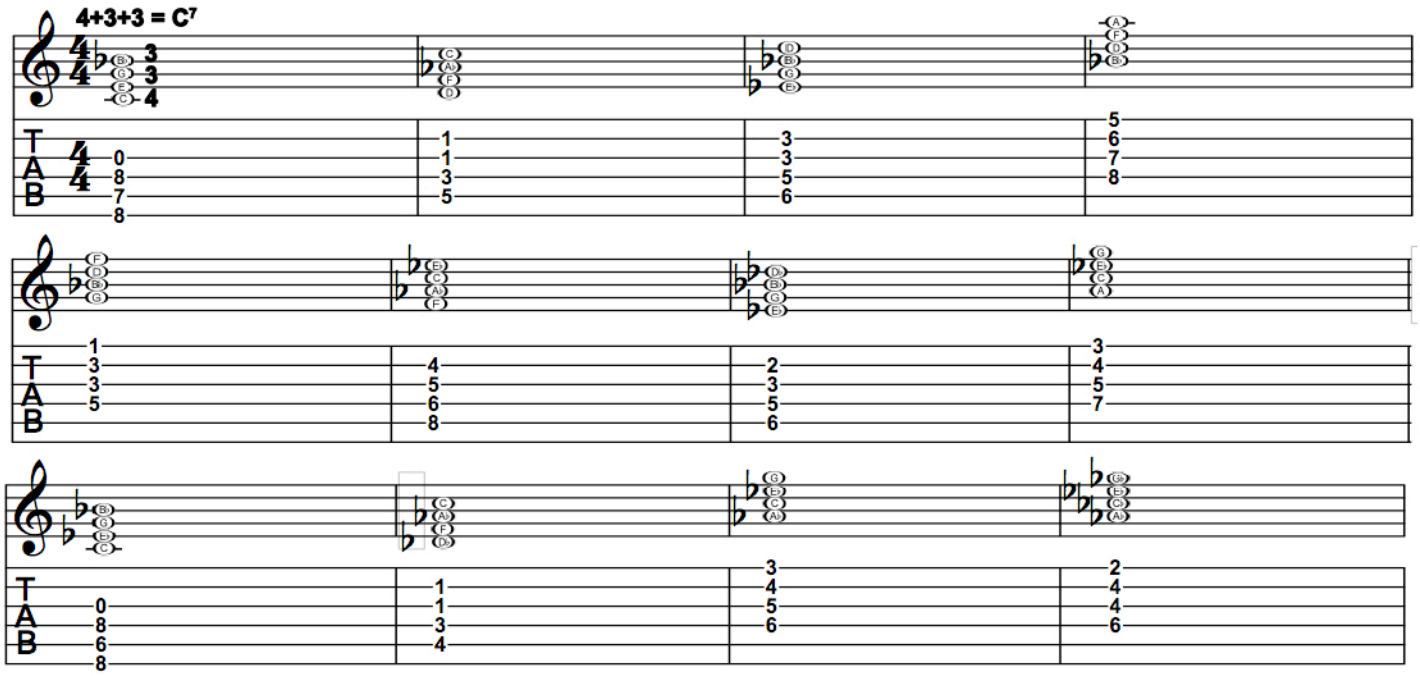
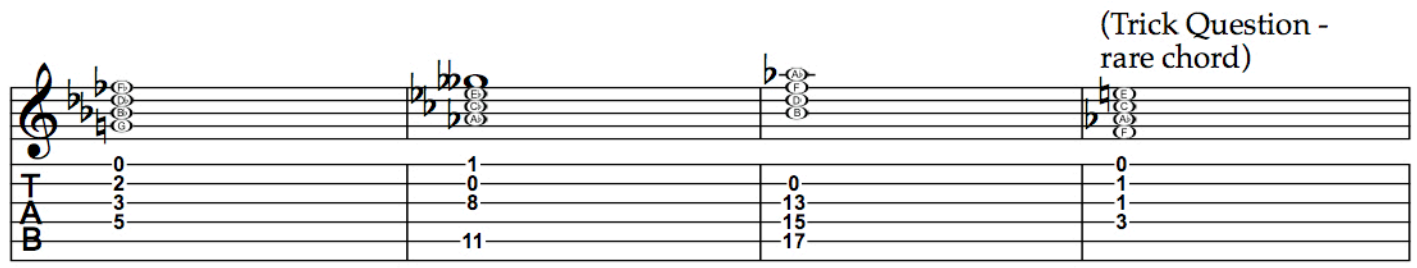


This worksheet trains in the independence and fluency of naming 7th chords in music.

Formulas for this test:				
Spoken Name	Half Step Formula	Scale Degree Formula	Example in C Major	Chord Nomenclature
Major 7th	4 + 3 + 4	1 3 5 7	C E G B	C^{MAJ7} or $C\Delta^{7}$
Dominant 7th	4 + 3 + 3	1 3 5 b7	C E G B♭	C^{7}
Minor 7th	3 + 4 + 3	1 ♭3 5 ♭7	C E♭ G B♭	Cm^{7} or $C\text{-}^{7}$
Half Diminished 7th	3 + 3 + 4	1 ♭3 ♭5 ♭7	C E♭ G♭ B♭	$Cm^{7(\flat 5)}$ or $C^{\varnothing}7$
Full Diminished 7th	3 + 3 + 3	1 ♭3 ♭5 𝄫7	C E♭ G♭ B𝄫	$Cdim^{\circ 7}$





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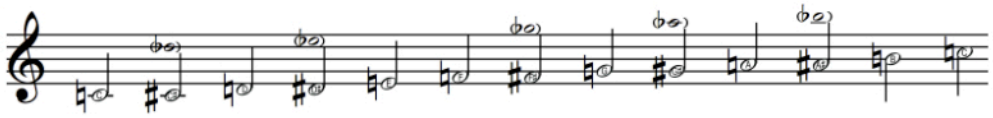

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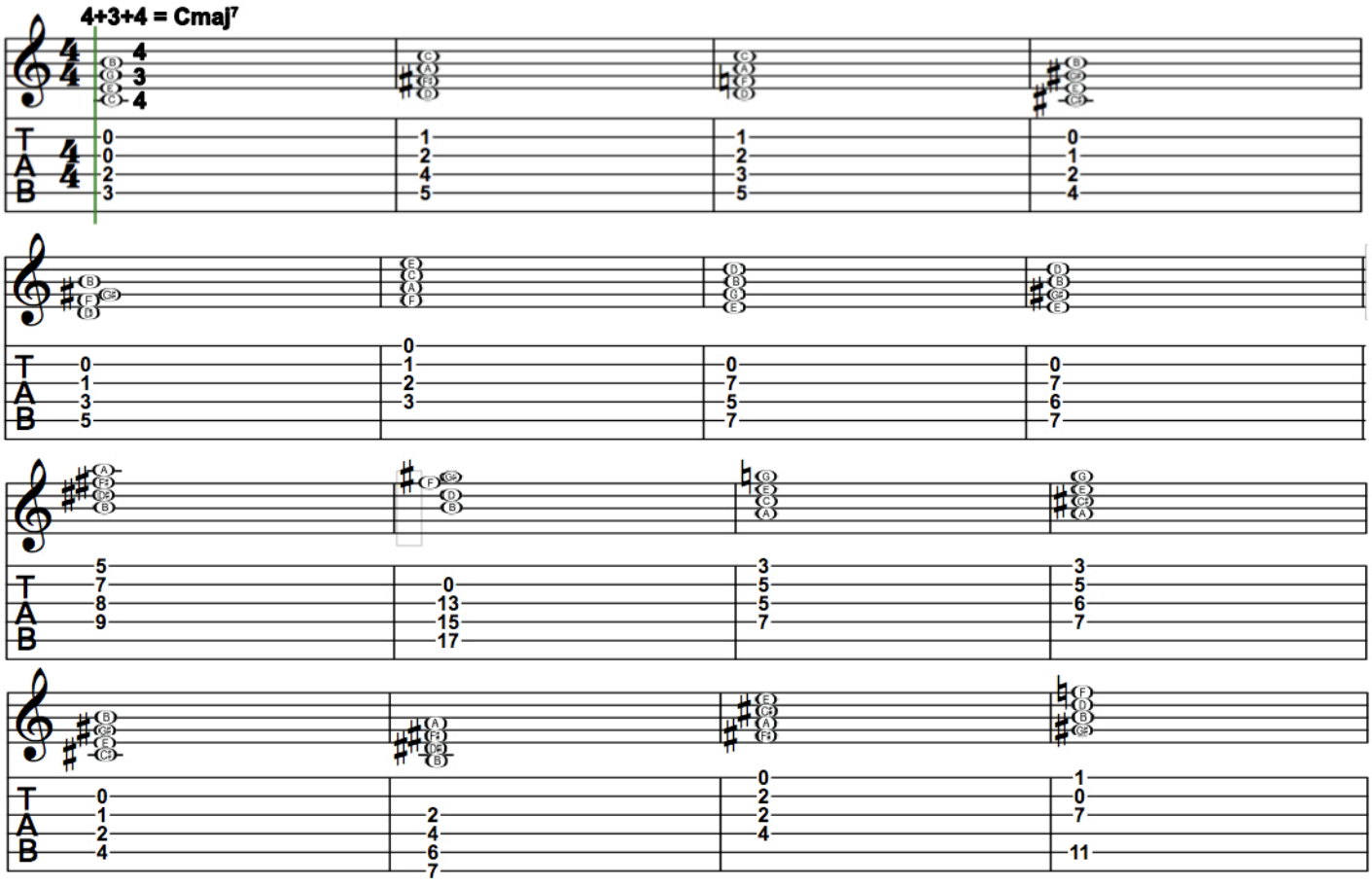

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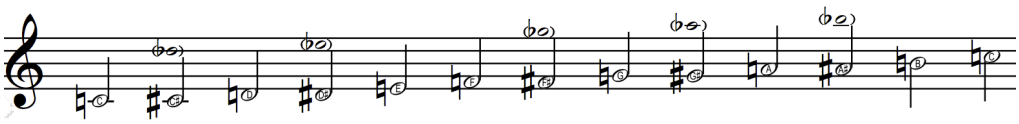
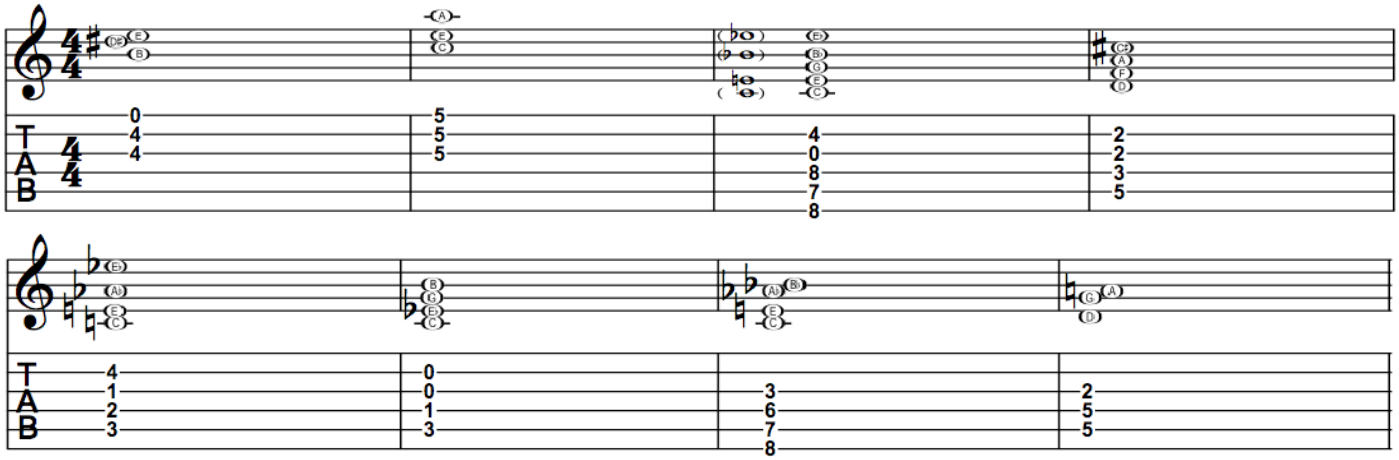
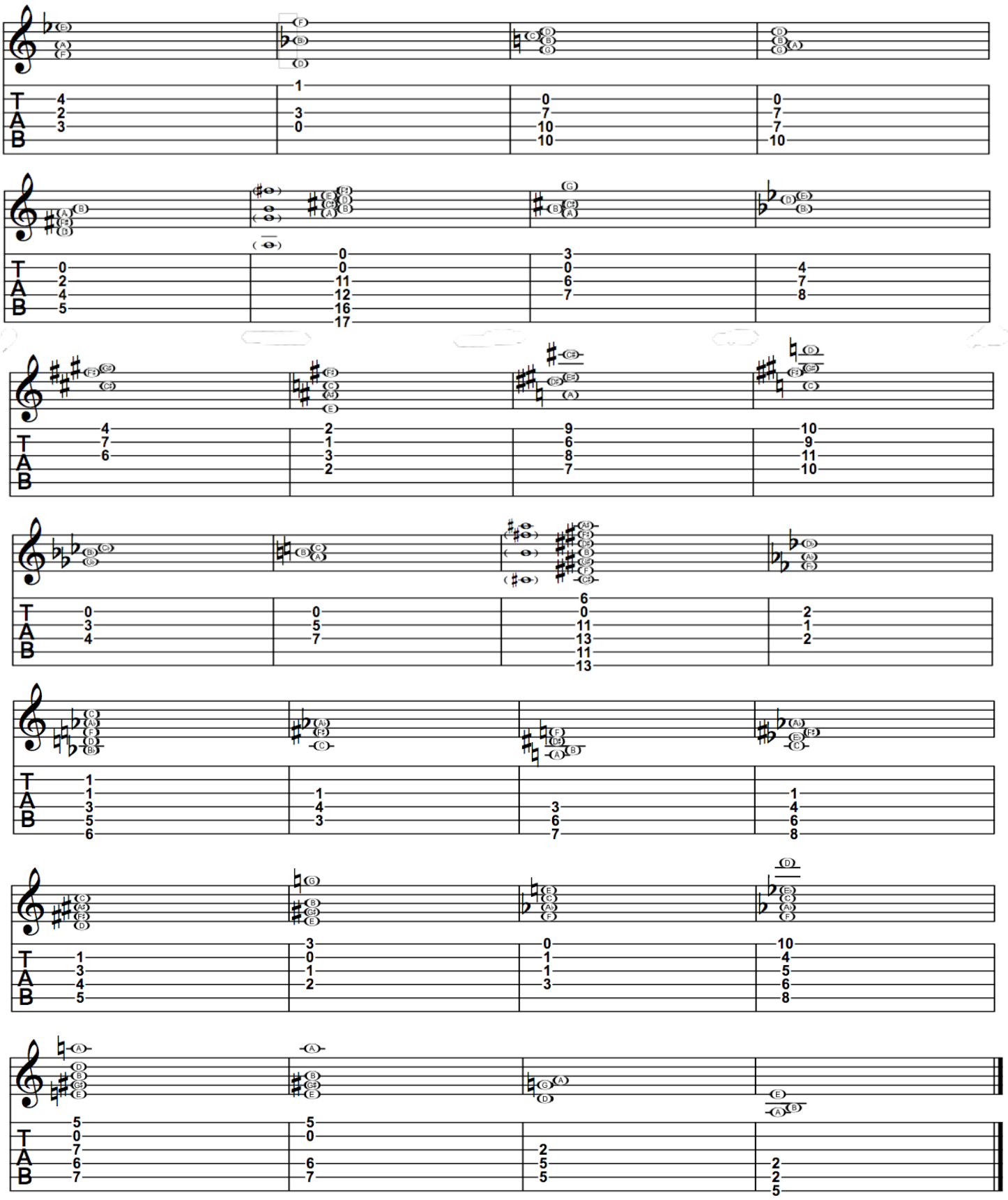


This worksheet helps in understanding some of the most rare and difficult chords in music.
*Note that C9, C11 and C13 chords can have removed notes from them because they simply have too many notes to be practical often. Scale degrees of least importance are 5, b7 and 9 in that order for those chords.
*There are no Neapolitan chords as answers on this test. This is because it is really just a Major chord but built a half step above the home note (tonic) of the key. Example = Db Major in the key of C major. The Db Major chord is a Neapolitan with a predominant function and it's usually in first inversion.

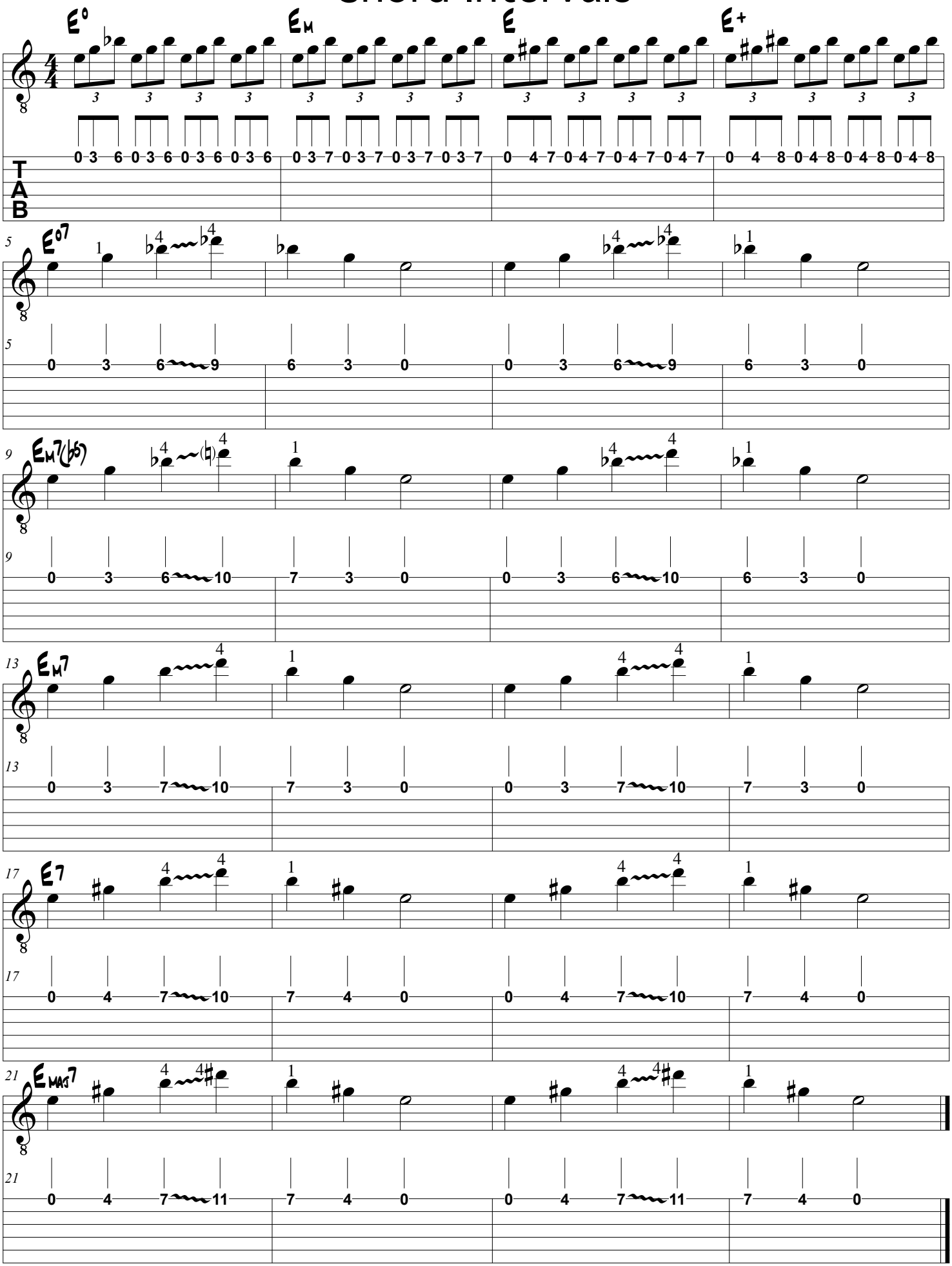
Formulas for this test:

Spoken Name	Half Step Formula	Scale Degree Formula	Chord Nomenclature
Neapolitan 6th	4 + 3	*♭ 2 4 ♭ 6	N^6
C Dominant 7th Sharp 9	4 + 3 + 3 + 5	1 3 5 ♭ 7 #9	$C^7(\#9)$
C Augmented 7th	4 + 4 + 2	1 3 #5 b7	$C+^7$
C Augmented #9	4 + 4 + 7	1 3 #5 #9	CAug#9
*C 9	4 + 3 + 3 + 4	1 3 5 ♭ 7 9	C^9 (C^{add2} C^{sus2})
*C 11	4 + 3 + 3 + 4 + 3	1 3 5 ♭ 7 9 11	C^{11} (C^{add4} C^{sus4})
*C 13	4 + 3 + 3 + 4 + 3 + 4	1 3 5 ♭ 7 9 11 13	C^{13} (C^6 C^{add6} $C^{6/9}$)
C minor Major 7th	3 + 4 + 4	1 ♭ 3 5 7	CmM7
Italian Augmented 6th	6 + 2	1 #4 ♭ 6	It+6
French Augmented 6th	2 + 4 + 2	1 2 #4 ♭ 6	Fr+6
German Augmented 6th	3 + 3 + 2	1 ♭ 3 #4 ♭ 6	Ger+6





Chord Intervals



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