

Assignment 11.1 Key

1. Rewrite each of the following 7th chords in close root position. Determine the root (letter name), quality (M7, m7, Mm7, ø7, °7) and inversion (7, 6/5, 4/3, 2). (18 pts.)

sample

$F\#$ Mm₂ E Mm_{6/5} F M7 F# ø₂ D[°] _{4/3}
 G m₂ C M_{6/5} F#[°] _{4/3} A^b Mm₇ E[°] _{6/5}

2. Given the root, quality and inversion, write the following 7th chords. (12 pts.)

D° _{4/3} B₂ C# m₇ A^bMm_{6/5} F# M₂ E M_{6/5}

3. Name the key in the mode indicated. Then give the Roman numeral for each chord in the specified key. Be sure you correctly show chord quality and inversion by the type of Roman numeral you use (e.g., lowercase = minor) and figured bass symbols. Both 7th chords and triads are represented. (20 pts.)

Major keys:

E^b : I_{6/5} E : ii_{4/3} B^b : vi_{6/4} F# : vii ø₇ D^b : V_{6/5}

Minor keys:

f : i₂ b : III d : iv_{6/5} e : vii[°] ₆ a# : V_{4/3}

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4. Write the key signature specified. Then write the chord indicated by the Roman numeral and figured bass. Both 7th chords and triads are represented. Keep in mind that the harmonic form of the minor mode may need to be used in order to write the requested quality of chords in the minor mode. (20 pts.)

F# Major: I_3^4 vi^6 V^7 ii_5^6 IV_4^6

G minor: V_5^6 $III+$ i_2 vii^{o7} ii_3^{o4}

5. Write the requested chord given the quality, inversion and part of the chord (Root, 3rd, 5th). (30 pts.)

sample

3rd (1st build chord in root position) 5th 3rd 5th

m_3^4 $M7$ Mm_5^6 $Mm7$ o_7 o_7 M_2 $M7$

7th 5th 3rd root

o_3^4 o_7 $Mm7$ $Mm7$ m_5^6 $M7$ o_2 o_7

root 7th root 3rd

M_5^6 $M7$ m_2 $M7$ o_5^6 o_7 o_3^4 o_7

7th 3rd 5th 7th

o_5^6 o_7 Mm_2 $Mm7$ M_3^4 $M7$ Mm_3^4 $M7$