

Assignment 10.1 Key

1. Identify the following 7th chords by root (letter name) and quality (M7, m7, Mm7, ø7, °7). (48 pts.)

A musical staff in treble clef containing eight 7th chords. The chords are: A major 7th (A M7), D half-diminished 7th (D ø7), F# minor major 7th (F# Mm7), E diminished 7th (E °7), G# minor 7th (G# m7), Bb minor major 7th (Bb Mm7), C# diminished 7th (C# °7), and G minor major 7th (G Mm7).

A M7 D ø7 F# Mm7 E °7 G# m7 Bb Mm7 C# °7 G Mm7

A musical staff in bass clef containing eight 7th chords. The chords are: B diminished 7th (B ø7), Db major 7th (Db M7), B minor major 7th (B Mm7), D diminished 7th (D °7), A# half-diminished 7th (A# ø7), C major 7th (C M7), E major 7th (E M7), and F# half-diminished 7th (F# ø7).

B ø7 Db M7 B Mm7 D °7 A# ø7 C M7 E M7 F# ø7

A grand staff (treble and bass clefs) containing eight 7th chords. The chords are: D major 7th (D M7), A half-diminished 7th (A ø7), Gb major 7th (Gb M7), C# diminished 7th (C# °7), B major 7th (B M7), F# diminished 7th (F# °7), Ab minor major 7th (Ab Mm7), and E major 7th (E M7).

D M7 A ø7 Gb M7 C# °7 B M7 F# °7 Ab Mm7 E M7

2. Using the given note as the *root*, construct the 7th chords in the *quality* indicated. Do not add or delete an accidental from the given note. (8 pts.)

A musical staff in treble clef containing eight 7th chords. The chords are: D minor major 7th (D Mm7), E diminished 7th (E °7), F# half-diminished 7th (F# ø7), G minor 7th (G m7), A major 7th (A M7), B minor major 7th (B Mm7), C# half-diminished 7th (C# ø7), and D minor 7th (D m7).

Mm7 °7 ø7 m7 M7 Mm7 ø7 m7

3. Using the given note as the *3rd*, construct the 7th chords in the *quality* indicated. Do not add or delete an accidental from the given note. (8 pts.)

A musical staff in bass clef containing eight 7th chords. The chords are: D minor 7th (D m7), E diminished 7th (E °7), F major 7th (F M7), G minor major 7th (G Mm7), A diminished 7th (A °7), B minor major 7th (B Mm7), C minor 7th (C m7), and D major 7th (D M7).

m7 °7 M7 Mm7 °7 Mm7 m7 M7

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4. Using the given note as the 5th, construct the 7th chords in the quality indicated. Do not add or delete an accidental from the given note. (8 pts.)

$\circ 7$ $m7$ $\circ 7$ $m7$ $Mm7$ $M7$ $\circ 7$ $Mm7$

5. Using the given note as the 7th, construct the 7th chords in the quality indicated. Do not add or delete an accidental from the given note. (8 pts.)

$\circ 7$ $Mm7$ $M7$ $m7$ $M7$ $m7$ $\circ 7$ $Mm7$

6. Write the chord indicated by the Roman numeral in the key and mode specified. If there is no "7" with the Roman numeral, write a triad. Keep in mind you need to use the harmonic form of the minor mode to create the major-minor dominant chord (V^7) requested. (10 pts.)

Major keys:

vi^7 iii IV^7 V^7 ii

Minor keys:

$ii^{\circ 7}$ VI i^7 VII V^7

7. 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 by the type of Roman numeral you use (e.g., lowercase = minor). (10 pts.)

Major keys:

Minor keys:

$C\#$: vi^7 F : vii° f : V^7 $C\#$: $ii^{\circ 7}$ $g\#$: i