

MUSIC THEORY EXERCISES

10.1 Exercises: Major, Minor, Diminished, and Augmented Triads

Exercise 10.1

Identify the root of the following triads and label each triad as major, minor, augmented, or diminished.

Exercise 10.1 consists of four staves of musical notation, each containing five triads. The staves are as follows:

- Staff 1 (Treble clef):
 - Triad 1: C4, E4, G4 (Major)
 - Triad 2: F#4, A4, C5 (Major)
 - Triad 3: Bb4, Db5, Eb5 (Minor)
 - Triad 4: Ab4, Bb4, Db5 (Minor)
 - Triad 5: Gb4, Ab4, Bb4 (Minor)
- Staff 2 (Treble clef):
 - Triad 1: C#4, E4, G4 (Major)
 - Triad 2: F#4, A4, C5 (Major)
 - Triad 3: Bb4, Db5, Eb5 (Minor)
 - Triad 4: Ab4, Bb4, Db5 (Minor)
 - Triad 5: G#4, B4, D5 (Major)
- Staff 3 (Bass clef):
 - Triad 1: C2, E2, G2 (Major)
 - Triad 2: F#2, A2, C3 (Major)
 - Triad 3: Bb2, Db3, Eb3 (Minor)
 - Triad 4: Ab2, Bb2, Db3 (Minor)
 - Triad 5: Gb2, Ab2, Bb2 (Minor)
- Staff 4 (Bass clef):
 - Triad 1: C2, E2, G2 (Major)
 - Triad 2: F#2, A2, C3 (Major)
 - Triad 3: Bb2, Db3, Eb3 (Minor)
 - Triad 4: Ab2, Bb2, Db3 (Minor)
 - Triad 5: G#2, B2, D3 (Major)

Exercise 10.2

Identify the root of the following triads and label each triad as major, minor, augmented, or diminished.

Exercise 10.2 consists of three staves of musical notation, each containing five triads. The staves are as follows:

- Staff 1 (Treble clef):
 - Triad 1: C#4, E4, G4 (Major)
 - Triad 2: F#4, A4, C5 (Major)
 - Triad 3: Bb4, Db5, Eb5 (Minor)
 - Triad 4: Ab4, Bb4, Db5 (Minor)
 - Triad 5: G#4, B4, D5 (Major)
- Staff 2 (Bass clef):
 - Triad 1: C2, E2, G2 (Major)
 - Triad 2: F#2, A2, C3 (Major)
 - Triad 3: Bb2, Db3, Eb3 (Minor)
 - Triad 4: Ab2, Bb2, Db3 (Minor)
 - Triad 5: G#2, B2, D3 (Major)
- Staff 3 (Bass clef):
 - Triad 1: C2, E2, G2 (Major)
 - Triad 2: F#2, A2, C3 (Major)
 - Triad 3: Bb2, Db3, Eb3 (Minor)
 - Triad 4: Ab2, Bb2, Db3 (Minor)
 - Triad 5: G#2, B2, D3 (Major)

Exercise 10.3

Change each given major triad into a minor triad. Remember to lower the third of a major triad to derive a minor triad.

B $\flat$ Major B $\flat$ minor G Major

E Major B Major

G $\flat$ Major F $\sharp$ Major

A $\flat$ Major C Major

D Major F Major

Exercise 10.4

Play the following chords on the keyboard. Name the chord inversions as you play.

G E

D B $\flat$

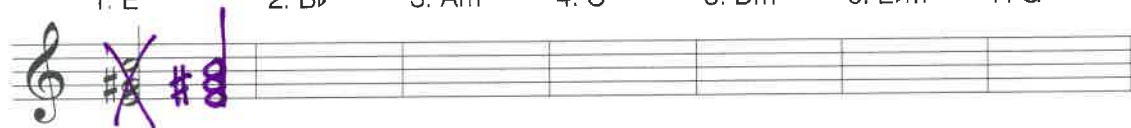
F C minor

10.2 Exercises: Identifying Triads Using Pitch Names and Popular Music Symbols

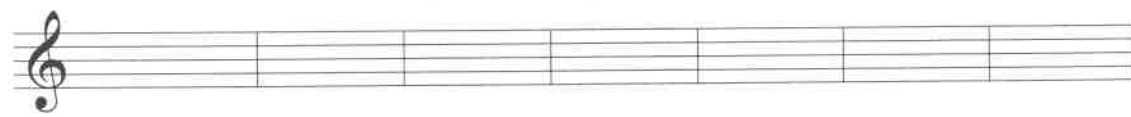
Exercise 10.5

Write the major and minor triads requested below each popular-music chord symbol.

1. E 2. B $\flat$ 3. Am 4. C 5. Dm 6. E $\flat$ m 7. G



8. D 9. Fm 10. Gm 11. Bm 12. A $\flat$ m 13. G $\flat$ 14. B



15. A $\flat$ 16. Cm 17. A 18. F 19. B $\flat$ m 20. D $\flat$ 21. Em



Exercise 10.6

Write the popular chord symbols for each of the following chords in the space above the chord.

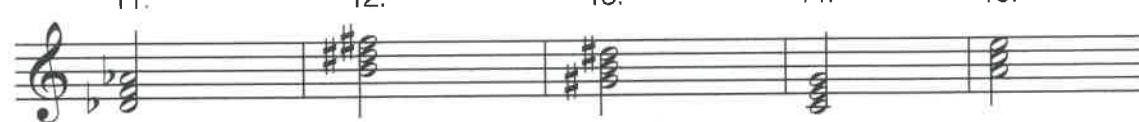
1. Gm 2. 3. 4. 5.



6. 7. 8. 9. 10.



11. 12. 13. 14. 15.



Exercise 10.7

Write the popular chord symbols for each of the following chords in the space above the chord.

1. Em 2. 3. 4. 5.

6. 7. 8. 9. 10.

11. 12. 13. 14. 15.

Detailed description: This exercise consists of 15 musical staves, each containing a triad. Staves 1-5 are in bass clef: 1. E3, G3, B2 (Em); 2. A3, C#4, E4 (F#m); 3. D4, F4, A4 (D); 4. B2, D3, F#3 (Bbm); 5. C3, E3, G3 (C). Staves 6-10 are in treble clef: 6. F#4, A4, C5 (F#m); 7. Bb4, D5, F5 (Bbm); 8. D4, F4, A4 (D); 9. E4, G#4, B4 (E#m); 10. Bb4, D5, F5 (Bbm). Staves 11-15 are in treble clef: 11. Bb4, D5, F5 (Bbm); 12. Bb4, D5, F5 (Bbm); 13. D4, F4, A4 (D); 14. Bb4, D5, F5 (Bbm); 15. E#4, G#4, B4 (E#m).

Exercise 10.8

Write the major, minor, augmented, or diminished triads requested below each popular chord symbol.

1. Gm 2. Fm 3. D dim 4. E $\flat$ aug 5. A

6. C dim 7. Am 8. F# 9. Em 10. B $\flat$ m

11. D $\flat$ aug 12. G 13. A $\flat$ dim 14. Bm 15. C

16. F aug 17. B dim 18. E 19. E $\flat$ 20. G aug

Detailed description: This exercise consists of 20 musical staves, each corresponding to a chord symbol. Staves 1-5 are in treble clef: 1. Gm; 2. Fm; 3. D dim; 4. E $\flat$ aug; 5. A. Staves 6-10 are in bass clef: 6. C dim; 7. Am; 8. F#; 9. Em; 10. B $\flat$ m. Staves 11-15 are in treble clef: 11. D $\flat$ aug; 12. G; 13. A $\flat$ dim; 14. Bm; 15. C. Staves 16-20 are in bass clef: 16. F aug; 17. B dim; 18. E; 19. E $\flat$; 20. G aug.