

ANSWERS TO CHAPTER TWELVE
PATHWAYS TO HARMONY
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12.1

Diagram showing triads in root position and first and second inversion across three staves. The first staff shows a triad in root position, first inversion, and second inversion. The second staff shows a triad in root position, first inversion, and second inversion. The third staff shows a triad in root position, first inversion, and second inversion.

root position first inversion second inversion root position first inversion second inversion

12.2

root position, first inversion, first inversion
 $\frac{5}{3}$ $\frac{6}{3}$ $\frac{6}{3}$

root first first
 position inversion inversion
 root third third

$\frac{5}{3} \frac{5}{3} | \frac{6}{3} \frac{6}{3} | \frac{6}{3} \frac{6}{3} | \frac{6}{3} \frac{6}{3} | \frac{6}{3} \frac{6}{3} ||$

12.3

C, Ab, D, D#, B
 F, D#, Ab, D, G

12.4

See Reference Sheet after 12.1 in Workbook

12.5

| | | | |
|-----------------------------------|-----------------------------------|-----------------------------------|------------------------|
| 1 st Inv $\frac{6}{3}$ | 1 st Inv $\frac{6}{3}$ | 2 nd Inv $\frac{6}{4}$ | Root Pos $\frac{5}{3}$ |
| F 3rd | G 3rd | Bb 5th | Ab Root |

| | | | |
|------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Root Pos $\frac{5}{3}$ | 1 st Inv $\frac{6}{3}$ | 2 nd Inv $\frac{6}{4}$ | 1 st Inv $\frac{6}{3}$ |
| C Root | B 3rd | D 5th | A 3rd |

$\frac{6}{3} \frac{6}{4} \frac{6}{3} \frac{6}{3} \frac{6}{4} \frac{5}{3}$ (not a triad) $\frac{6}{4}$

1. mediant
2. leading tone
3. tonic
4. mediant
5. subdominant

12.6

Diagram showing triads in root position and first and second inversion across two staves. The first staff shows a triad in root position, first inversion, and second inversion. The second staff shows a triad in root position, first inversion, and second inversion.

12.7

2nd inv 5th $\frac{6}{4}$, 1st inv 3rd $\frac{6}{3}$, 2nd inv 5th $\frac{6}{4}$, Root root $\frac{5}{3}$, 2nd inv 5th $\frac{6}{4}$

G: ii, Eb: IV, D: V, F: IV, E: vii°

gm: vii°, fm: iv, f#m: i, em: vii°, dm: III+^{5#}