

# Root-Position Triad Basics -

A **triad** is a chord composed of three notes stacked in thirds.

The lowest note is called the **root**.

The note a third above the root is called the **third**.

The note a fifth above the root is called the **fifth**.



A triad in which the root is the lowest note is called a **root-position triad**.

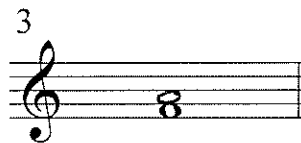
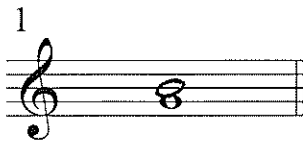
**Close position** indicates containment of all chord pitches within the smallest possible interval.

**Diatonic** indicates confinement to the pitches of the prevailing key without chromatic alteration.

Answers in this exercise are limited to **diatonic close root-position triads**.

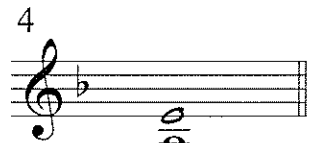
1. Each of the notes below is the root of a triad.

Draw a note a third above each root.



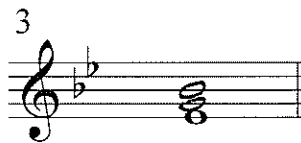
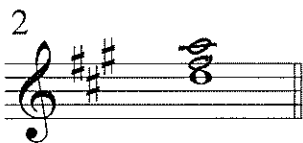
2. Each of the notes below is the root of a triad.

Draw a note a fifth above each root.



3. Each of the notes below is the root of a triad.

Draw the third and fifth above each root to create **close** root-position triads.

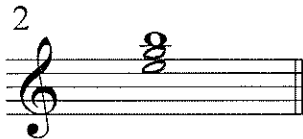


4. Triad position is indicated for each of the notes below.

Add notes to create **close** root-position triads.



root



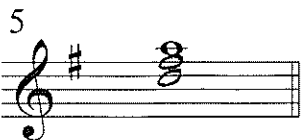
fifth



root



third



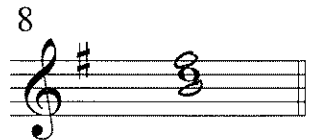
fifth



third



fifth



third

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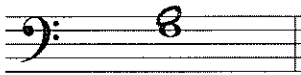
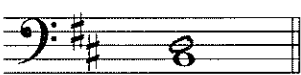
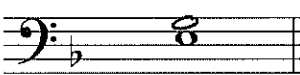
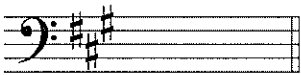
**Close position** indicates containment of all chord pitches within the smallest possible interval.

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Answers in this exercise are limited to **diatonic close root-position triads**.

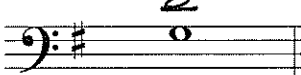
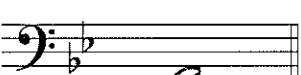
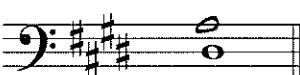
1. Each of the notes below is the root of a triad.

Draw a note a third above each root.

|                                                                                       |                                                                                        |                                                                                         |                                                                                          |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 1<br> | 2<br> | 3<br> | 4<br> |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|

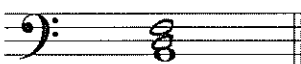
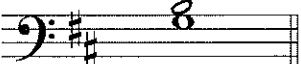
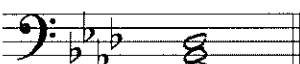
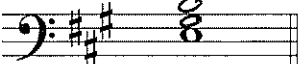
2. Each of the notes below is the root of a triad.

Draw a note a fifth above each root.

|                                                                                         |                                                                                          |                                                                                           |                                                                                            |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1<br> | 2<br> | 3<br> | 4<br> |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

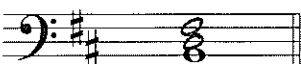
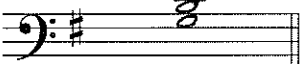
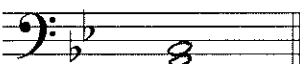
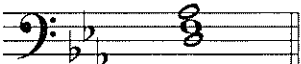
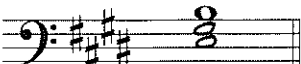
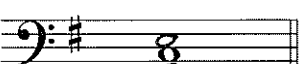
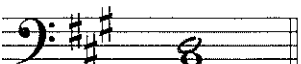
3. Each of the notes below is the root of a triad.

Draw the third and fifth above each root to create **close** root-position triads.

|                                                                                         |                                                                                          |                                                                                           |                                                                                            |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1<br> | 2<br> | 3<br> | 4<br> |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

4. Triad position is indicated for each of the notes below.

Add notes to create **close** root-position triads.

|                                                                                                  |                                                                                                   |                                                                                                    |                                                                                                     |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1<br><br>root  | 2<br><br>fifth | 3<br><br>root  | 4<br><br>third |
| 5<br><br>fifth | 6<br><br>third | 7<br><br>fifth | 8<br><br>third |

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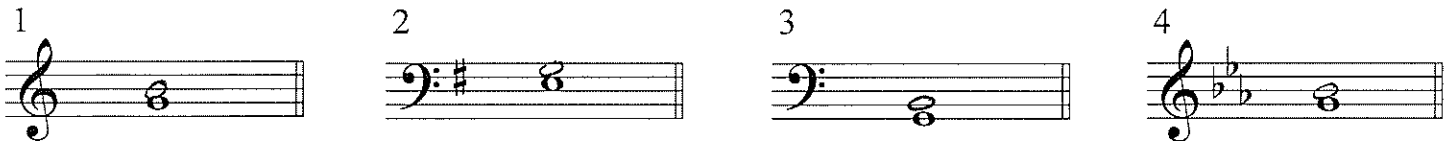
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Answers in this exercise are limited to **diatonic close root-position triads**.

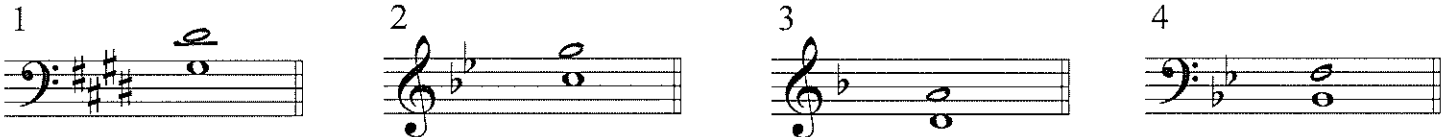
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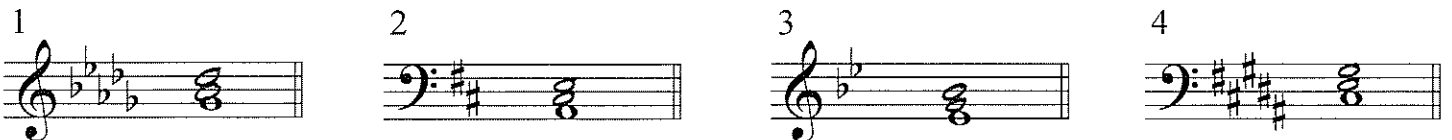
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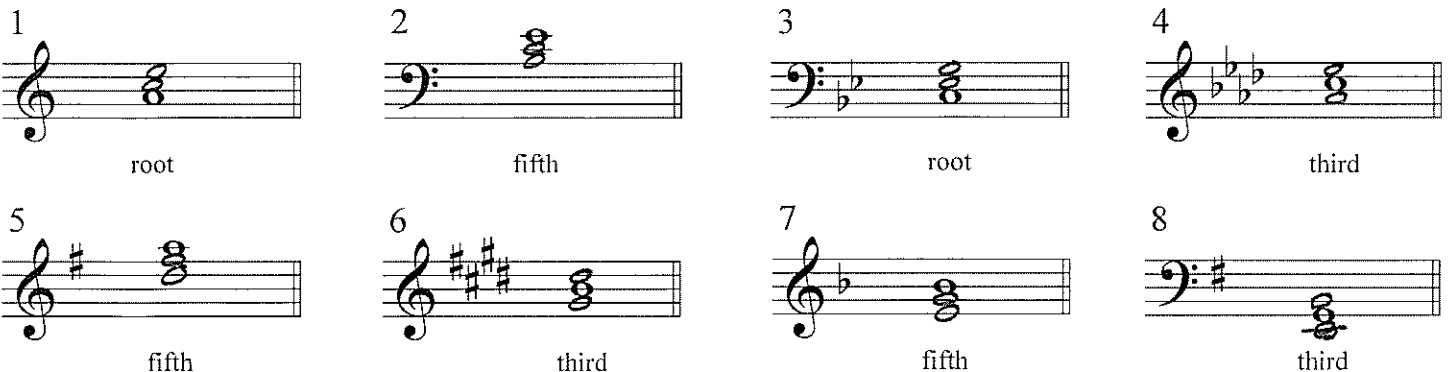
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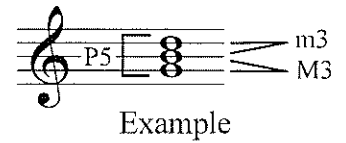
# Close Root-Position Major Triads I -

A root-position **major triad** is composed of three notes stacked in thirds.

The interval between the bottom two notes (root and third) is a major third (**M3**).

The interval between the top two notes (third and fifth) is a minor third (**m3**).

The interval between the bottom and top notes (root and fifth) is a perfect fifth (**P5**).



Answers in this exercise are limited to **close root-position major triads**.

1. Create close root-position major triads using the provided notes as roots.

Create the third of the triad by adding a note a M3 above the root.

Create the fifth of the triad by adding a note a P5 above the root (a m3 above the third).



|       |       |       |       |
|-------|-------|-------|-------|
| 1<br> | 2<br> | 3<br> | 4<br> |
| 5<br> | 6<br> | 7<br> | 8<br> |

2. Triad position is indicated for each of the notes below. Add notes to create close root-position major triads.

|                |                |                |                |
|----------------|----------------|----------------|----------------|
| 1<br><br>third | 2<br><br>third | 3<br><br>fifth | 4<br><br>root  |
| 5<br><br>fifth | 6<br><br>third | 7<br><br>root  | 8<br><br>fifth |

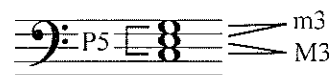
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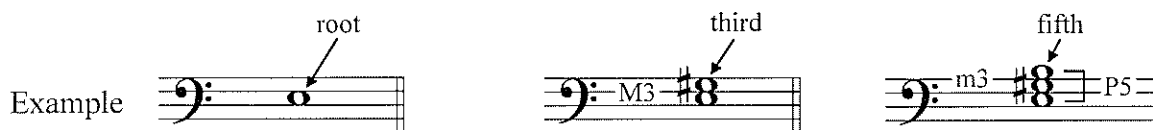
Example

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|       |       |       |       |
|-------|-------|-------|-------|
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| 5<br> | 6<br> | 7<br> | 8<br> |

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|                |                |                |                |
|----------------|----------------|----------------|----------------|
| 1<br><br>fifth | 2<br><br>root  | 3<br><br>third | 4<br><br>fifth |
| 5<br><br>third | 6<br><br>fifth | 7<br><br>fifth | 8<br><br>third |

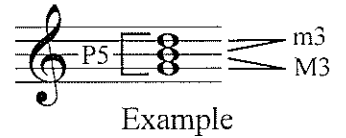
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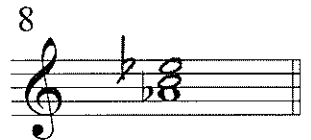
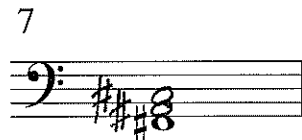
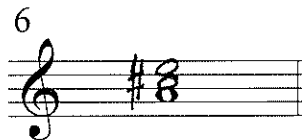
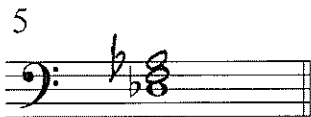
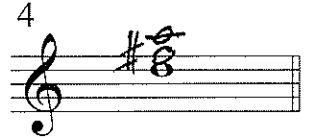
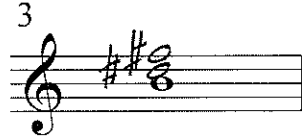
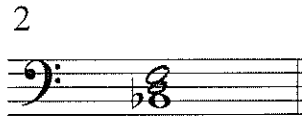


Answers in this exercise are limited to **close root-position major triads**.

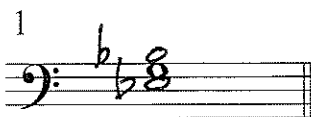
1. Create close root-position major triads using the provided notes as roots.

Create the third of the triad by adding a note a M3 above the root.

Create the fifth of the triad by adding a note a P5 above the root (a m3 above the third).



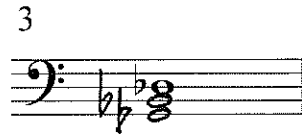
2. Triad position is indicated for each of the notes below. Add notes to create close root-position major triads.



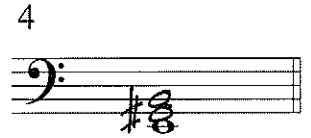
third



third



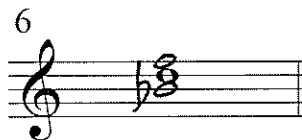
fifth



root



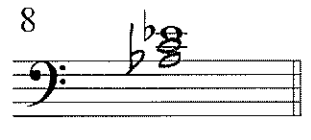
fifth



third



root



fifth

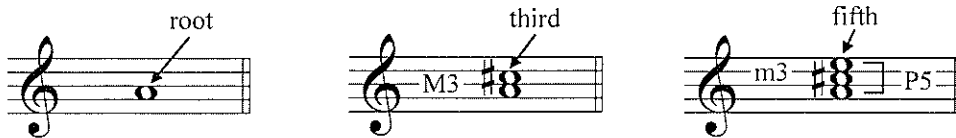
# Close Root-Position Major Triads II -

Create close root-position major triads using the provided notes as roots.

Create the third of the triad by adding a note a M3 above the root.

Create the fifth of the triad by adding a note a P5 above the root (a m3 above the third).

Example



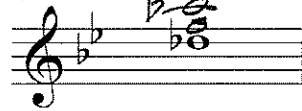
1



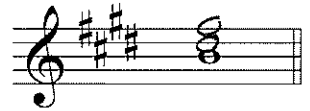
2



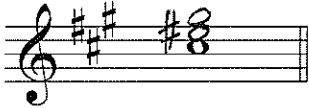
3



4



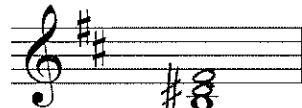
5



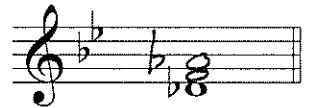
6



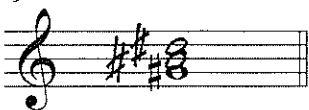
7



8



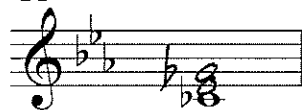
9



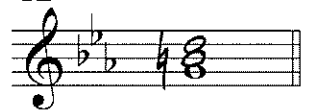
10



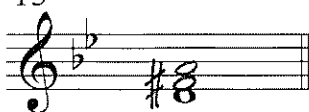
11



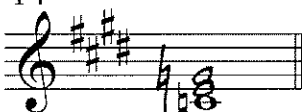
12



13



14



15



16



# Close Root-Position Major Triads II - $\text{bass clef}$

Create close root-position major triads using the provided notes as roots.

Create the third of the triad by adding a note a M3 above the root.

Create the fifth of the triad by adding a note a P5 above the root (a m3 above the third).

Example

1

2

3

4

5

6

7

8

9

10

11

12

13

14

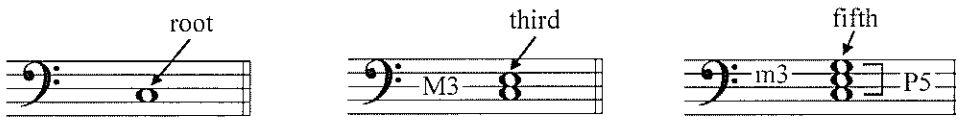
15

16

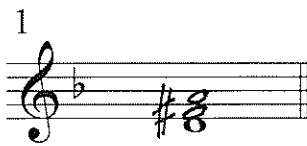
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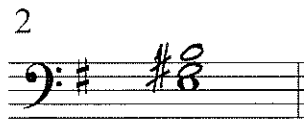
Example



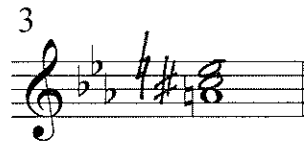
1



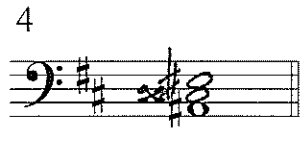
2



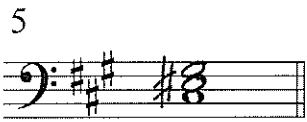
3



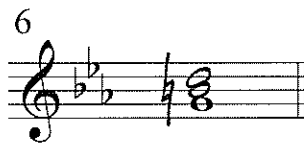
4



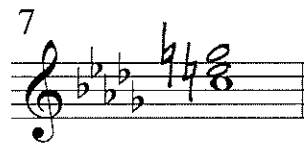
5



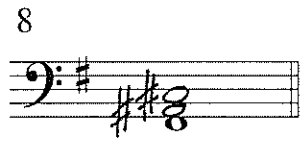
6



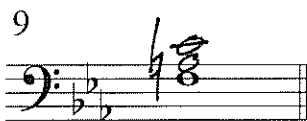
7



8



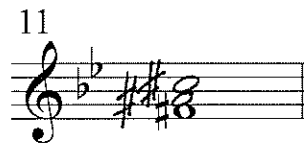
9



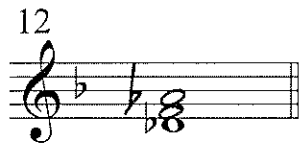
10



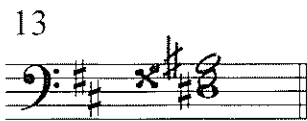
11



12



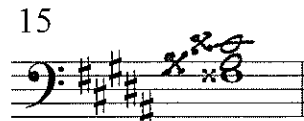
13



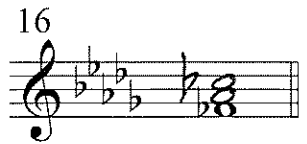
14



15



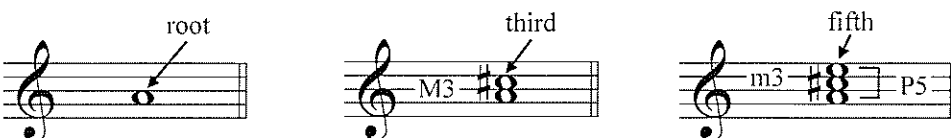
16

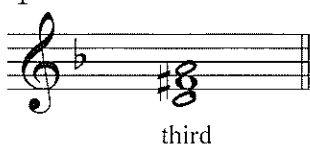
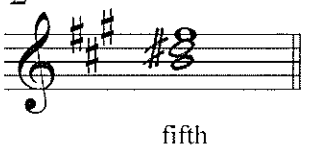
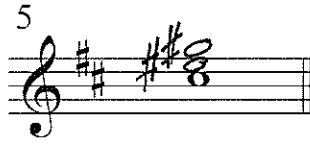
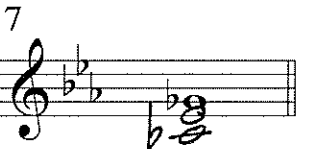
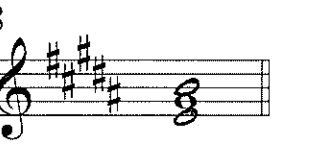
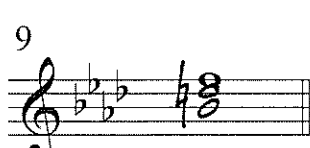
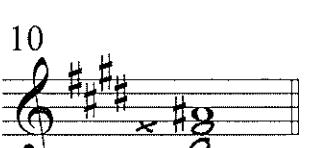
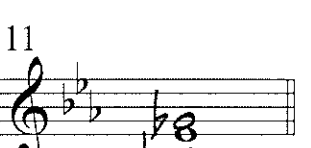
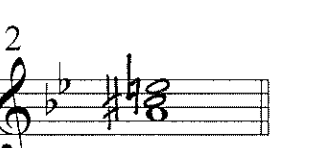
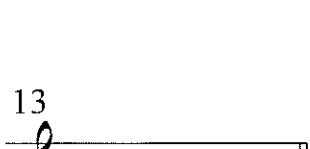
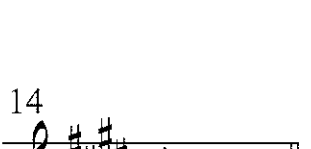
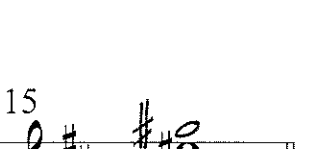
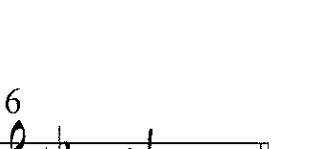


# Close Root-Position Major Triads III -

Triad position is indicated for each of the notes below. Add notes to create close root-position major triads.

Example



|                                                                                          |                                                                                           |                                                                                            |                                                                                             |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1<br>    | 2<br>    | 3<br>    | 4<br>    |
| 5<br>   | 6<br>   | 7<br>   | 8<br>   |
| 9<br>  | 10<br> | 11<br> | 12<br> |
| 13<br> | 14<br> | 15<br> | 16<br> |

# Close Root-Position Major Triads III - $\text{bass}$

Triad position is indicated for each of the notes below. Add notes to create close root-position major triads.

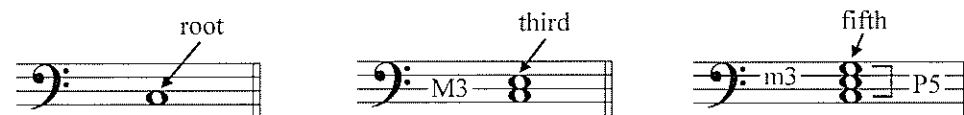
Example

|                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|
| 1<br><br>third  | 2<br><br>fifth  | 3<br><br>fifth  | 4<br><br>third  |
| 5<br><br>root   | 6<br><br>third  | 7<br><br>fifth  | 8<br><br>third  |
| 9<br><br>fifth  | 10<br><br>fifth | 11<br><br>third | 12<br><br>root  |
| 13<br><br>fifth | 14<br><br>root  | 15<br><br>third | 16<br><br>third |

# Close Root-Position Major Triads III -

Triad position is indicated for each of the notes below. Add notes to create close root-position major triads.

Example



1



fifth

2



fifth

3



third

4



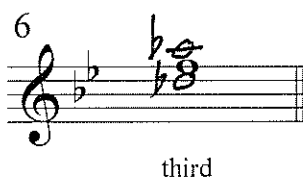
third

5



fifth

6



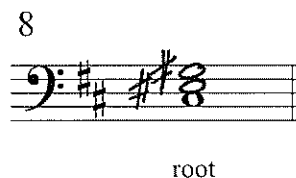
third

7



fifth

8



root

9



fifth

10



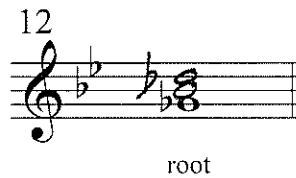
fifth

11



third

12



root

13



fifth

14



root

15



third

16



third

# Close Root-Position Minor Triads I -

A root-position **minor triad** is composed of three notes stacked in thirds.

The interval between the bottom two notes (root and third) is a minor third (**m3**).

The interval between the top two notes (third and fifth) is a major third (**M3**).

The interval between the bottom and top notes (root and fifth) is a perfect fifth (**P5**).



Answers in this exercise are limited to **close root-position minor triads**.

1. Create close root-position minor triads using the provided notes as roots.

Create the third of the triad by adding a note a m3 above the root.

Create the fifth of the triad by adding a note a P5 above the root (a M3 above the third).

Example

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
|   |   |   |   |
| 5 | 6 | 7 | 8 |
|   |   |   |   |

2. Triad position is indicated for each of the notes below. Add notes to create close root-position minor triads.

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
|   |   |   |   |
| 5 | 6 | 7 | 8 |
|   |   |   |   |

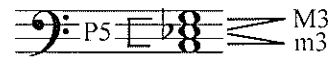
# Close Root-Position Minor Triads I

A root-position **minor triad** is composed of three notes stacked in thirds.

The interval between the bottom two notes (root and third) is a minor third (**m3**).

The interval between the top two notes (third and fifth) is a major third (**M3**).

The interval between the bottom and top notes (root and fifth) is a perfect fifth (**P5**).



Example

Answers in this exercise are limited to **close root-position minor triads**.

1. Create close root-position minor triads using the provided notes as roots.

Create the third of the triad by adding a note a m3 above the root.

Create the fifth of the triad by adding a note a P5 above the root (a M3 above the third).



|       |       |       |       |
|-------|-------|-------|-------|
| 1<br> | 2<br> | 3<br> | 4<br> |
| 5<br> | 6<br> | 7<br> | 8<br> |

2. Triad position is indicated for each of the notes below. Add notes to create close root-position minor triads.

|                |                |                |                |
|----------------|----------------|----------------|----------------|
| 1<br><br>root  | 2<br><br>third | 3<br><br>fifth | 4<br><br>third |
| 5<br><br>fifth | 6<br><br>third | 7<br><br>third | 8<br><br>fifth |

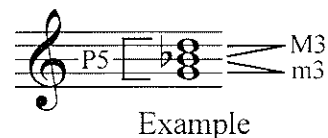
# Close Root-Position Minor Triads I -

A root-position **minor triad** is composed of three notes stacked in thirds.

The interval between the bottom two notes (root and third) is a minor third (**m3**).

The interval between the top two notes (third and fifth) is a major third (**M3**).

The interval between the bottom and top notes (root and fifth) is a perfect fifth (**P5**).



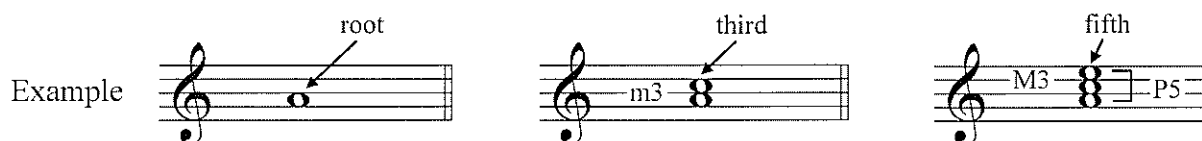
Example

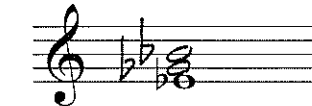
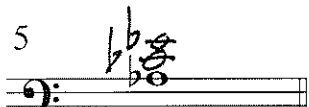
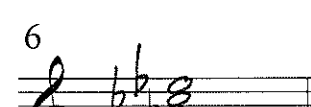
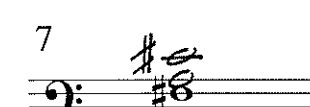
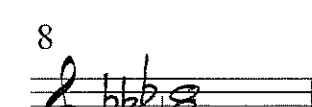
Answers in this exercise are limited to **close root-position minor triads**.

1. Create close root-position minor triads using the provided notes as roots.

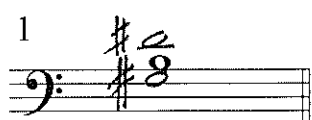
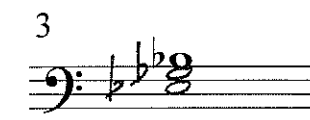
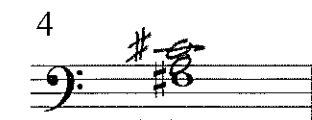
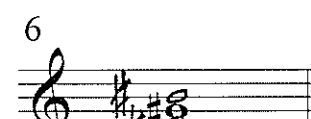
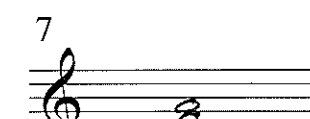
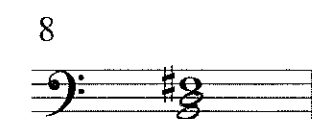
Create the third of the triad by adding a note a m3 above the root.

Create the fifth of the triad by adding a note a P5 above the root (a M3 above the third).



|                                                                                         |                                                                                          |                                                                                           |                                                                                            |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1<br> | 2<br> | 3<br> | 4<br> |
| 5<br> | 6<br> | 7<br> | 8<br> |

2. Triad position is indicated for each of the notes below. Add notes to create close root-position minor triads.

|                                                                                                  |                                                                                                   |                                                                                                    |                                                                                                     |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1<br><br>third | 2<br><br>root  | 3<br><br>fifth | 4<br><br>root  |
| 5<br><br>fifth | 6<br><br>third | 7<br><br>root  | 8<br><br>fifth |

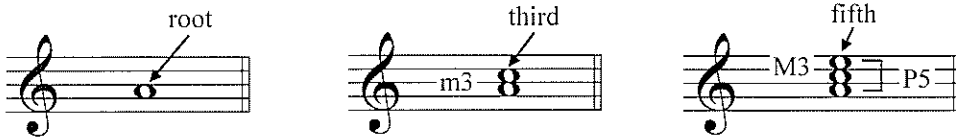
# Close Root-Position Minor Triads II -

Create close root-position minor triads using the provided notes as roots.

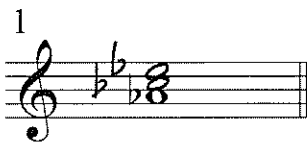
Create the third of the triad by adding a note a m3 above the root.

Create the fifth of the triad by adding a note a P5 above the root (a M3 above the third).

Example



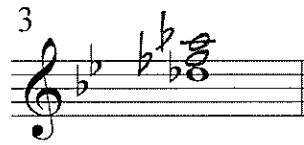
1



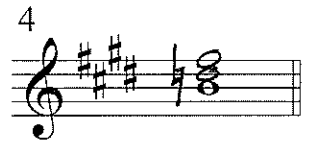
2



3



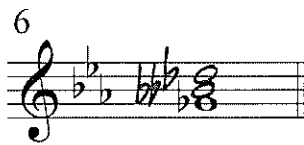
4



5



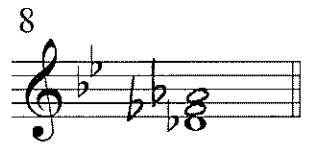
6



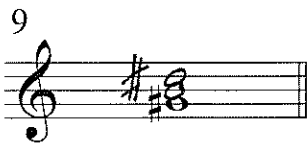
7



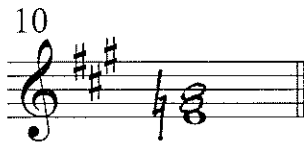
8



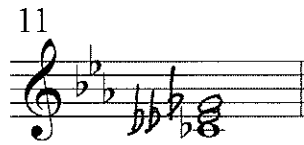
9



10



11



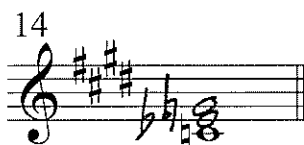
12



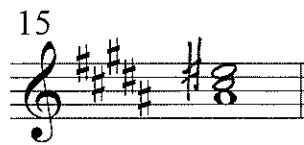
13



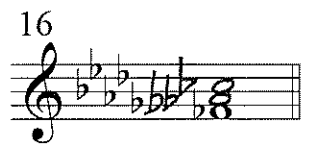
14



15



16



# Close Root-Position Minor Triads II - $\text{b}$

Create close root-position minor triads using the provided notes as roots.

Create the third of the triad by adding a note a m3 above the root.

Create the fifth of the triad by adding a note a P5 above the root (a M3 above the third).

Example

|    |    |    |    |
|----|----|----|----|
| 1  | 2  | 3  | 4  |
|    |    |    |    |
| 5  | 6  | 7  | 8  |
|    |    |    |    |
| 9  | 10 | 11 | 12 |
|    |    |    |    |
| 13 | 14 | 15 | 16 |
|    |    |    |    |

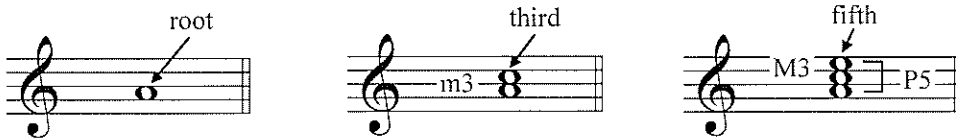
# Close Root-Position Minor Triads II -

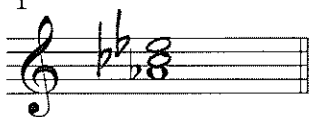
Create close root-position minor triads using the provided notes as roots.

Create the third of the triad by adding a note a m3 above the root.

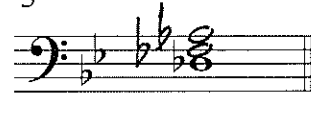
Create the fifth of the triad by adding a note a P5 above the root (a M3 above the third).

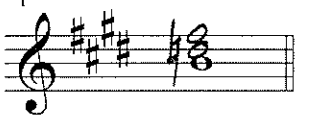
Example



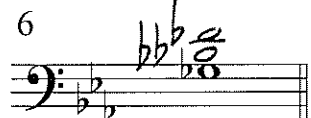
1  


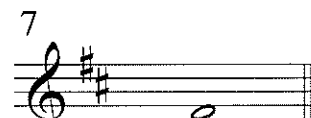
2  

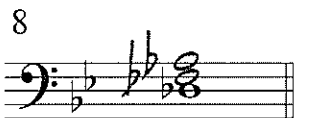

3  


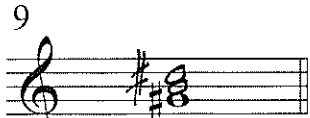
4  


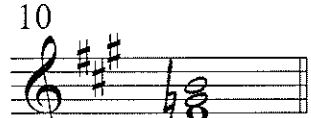
5  

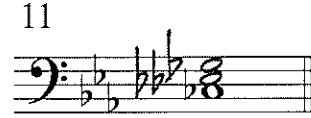

6  


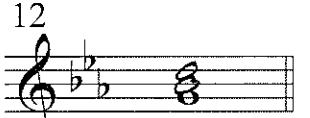
7  


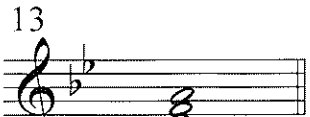
8  


9  


10  


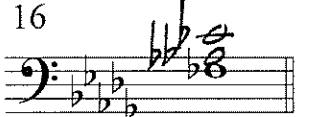
11  


12  


13  


14  

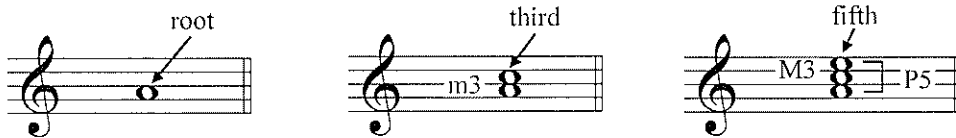

15  

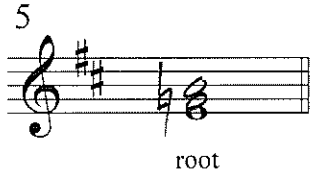
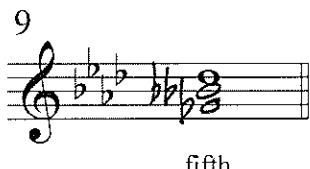
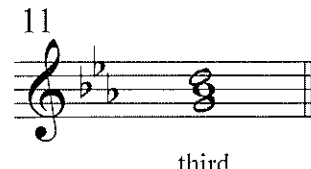
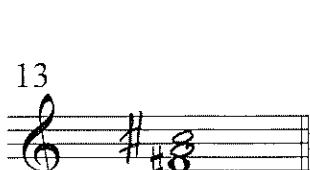

16  


# Close Root-Position Minor Triads III -

Triad position is indicated for each of the notes below. Add notes to create close root-position minor triads.

Example



|                                                                                                   |                                                                                                    |                                                                                                     |                                                                                                      |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 1<br><br>third    | 2<br><br>fifth    | 3<br><br>fifth    | 4<br><br>third    |
| 5<br><br>root    | 6<br><br>third   | 7<br><br>fifth   | 8<br><br>third   |
| 9<br><br>fifth  | 10<br><br>fifth | 11<br><br>third | 12<br><br>root  |
| 13<br><br>fifth | 14<br><br>root  | 15<br><br>third | 16<br><br>third |

# Close Root-Position Major Triads III - $\text{bass}$

Triad position is indicated for each of the notes below. Add notes to create close root-position minor triads.

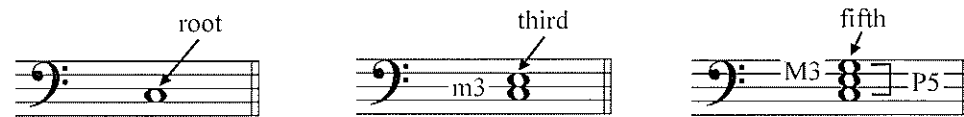
Example

|    |    |    |    |
|----|----|----|----|
| 1  | 2  | 3  | 4  |
|    |    |    |    |
| 5  | 6  | 7  | 8  |
|    |    |    |    |
| 9  | 10 | 11 | 12 |
|    |    |    |    |
| 13 | 14 | 15 | 16 |
|    |    |    |    |

# Close Root-Position Minor Triads III -

Triad position is indicated for each of the notes below. Add notes to create close root-position minor triads.

Example



1



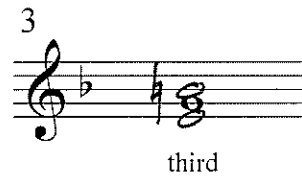
fifth

2



fifth

3



third

4



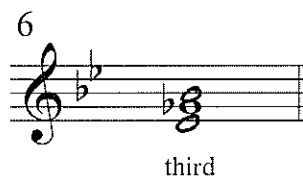
third

5



fifth

6



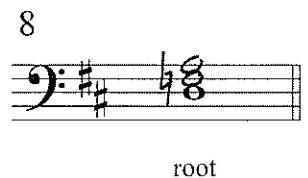
third

7



fifth

8



root

9



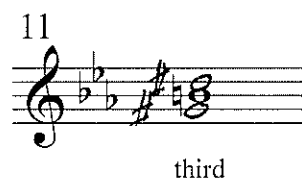
fifth

10



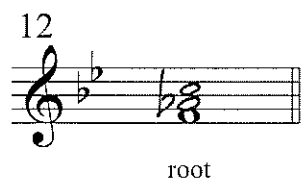
fifth

11



third

12



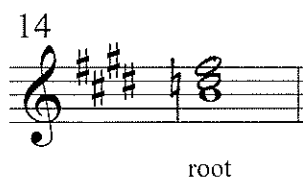
root

13



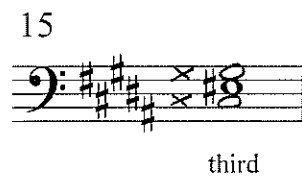
fifth

14



root

15



third

16



third

# Close Root-Position Diminished Triads I -

A root-position **diminished triad** is composed of three notes stacked in thirds.



Example

The interval between the bottom two notes (root and third) is a minor third (**m3**).

The interval between the top two notes (third and fifth) is also a minor third (**m3**).

The interval between the bottom and top notes (root and fifth) is a diminished fifth (**d5**).

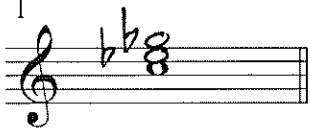
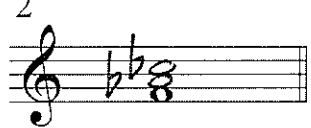
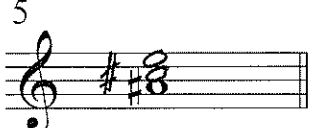
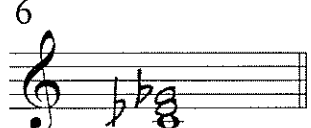
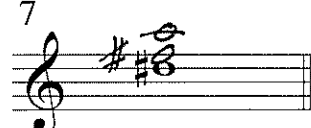
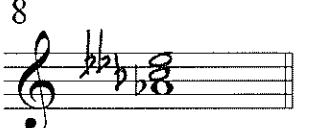
Answers in this exercise are limited to **close root-position diminished triads**.

1. Create close root-position diminished triads using the provided notes as roots.

Create the third of the triad by adding a note a m3 above the root.

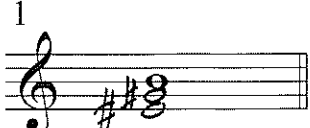
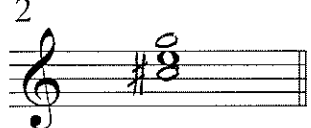
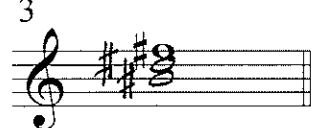
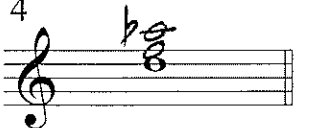
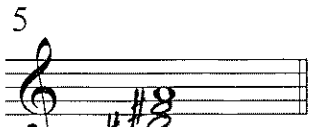
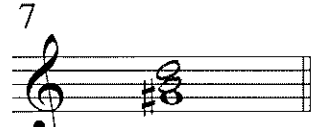
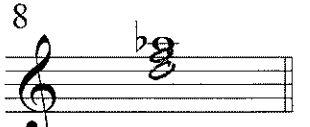
Create the fifth of the triad by adding a note a d5 above the root (a m3 above the third).



|                                                                                         |                                                                                          |                                                                                           |                                                                                            |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1<br> | 2<br> | 3<br> | 4<br> |
| 5<br> | 6<br> | 7<br> | 8<br> |

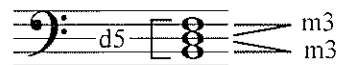
2. Triad position is indicated for each of the notes below.

Add notes to create close root-position diminished triads.

|                                                                                                  |                                                                                                   |                                                                                                    |                                                                                                     |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1<br><br>fifth | 2<br><br>third | 3<br><br>fifth | 4<br><br>root  |
| 5<br><br>fifth | 6<br><br>third | 7<br><br>root  | 8<br><br>fifth |

# Close Root-Position Diminished Triads I - $\text{b}$

A root-position **diminished triad** is composed of three notes stacked in thirds.



Example

The interval between the bottom two notes (root and third) is a minor third (**m3**).

The interval between the top two notes (third and fifth) is also a minor third (**m3**).

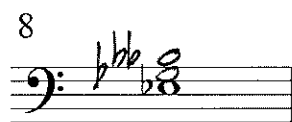
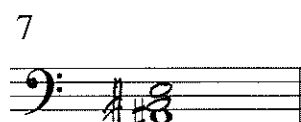
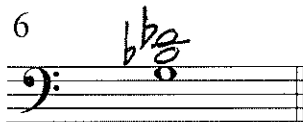
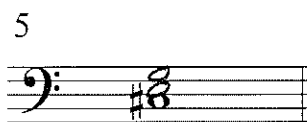
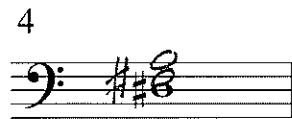
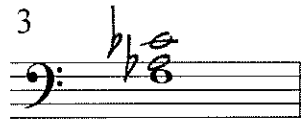
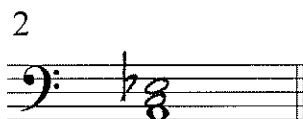
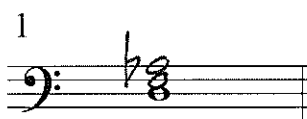
The interval between the bottom and top notes (root and fifth) is a diminished fifth (**d5**).

Answers in this exercise are limited to **close root-position diminished triads**.

1. Create close root-position diminished triads using the provided notes as roots.

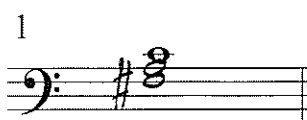
Create the third of the triad by adding a note a m3 above the root.

Create the fifth of the triad by adding a note a d5 above the root (a m3 above the third).

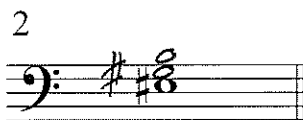


2. Triad position is indicated for each of the notes below.

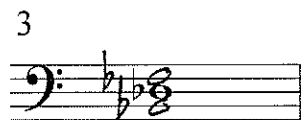
Add notes to create close root-position diminished triads.



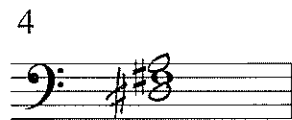
fifth



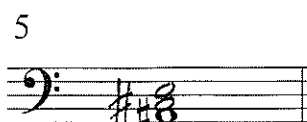
root



third



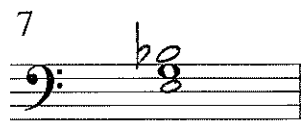
third



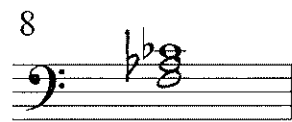
root



fifth



third



fifth

# Close Root-Position Diminished Triads I -

A root-position **diminished triad** is composed of three notes stacked in thirds.



The interval between the bottom two notes (root and third) is a minor third (**m3**).

The interval between the top two notes (third and fifth) is also a minor third (**m3**).

The interval between the bottom and top notes (root and fifth) is a diminished fifth (**d5**).

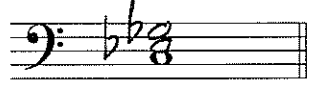
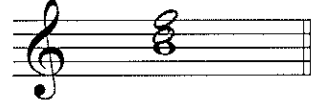
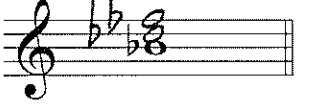
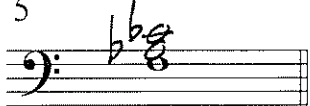
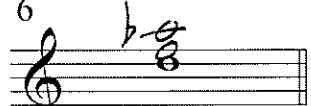
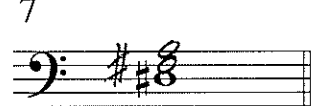
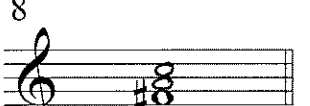
Answers in this exercise are limited to **close root-position diminished triads**.

1. Create close root-position diminished triads using the provided notes as roots.

Create the third of the triad by adding a note a m3 above the root.

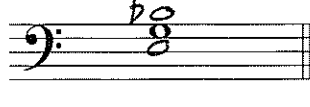
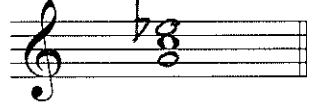
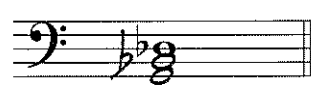
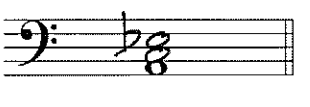
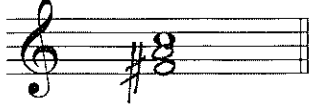
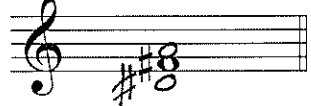
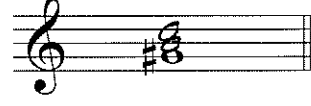
Create the fifth of the triad by adding a note a d5 above the root (a m3 above the third).



|                                                                                         |                                                                                          |                                                                                           |                                                                                            |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1<br> | 2<br> | 3<br> | 4<br> |
| 5<br> | 6<br> | 7<br> | 8<br> |

2. Triad position is indicated for each of the notes below.

Add notes to create close root-position diminished triads.

|                                                                                                  |                                                                                                   |                                                                                                    |                                                                                                     |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1<br><br>third | 2<br><br>third | 3<br><br>fifth | 4<br><br>root  |
| 5<br><br>fifth | 6<br><br>third | 7<br><br>root  | 8<br><br>fifth |

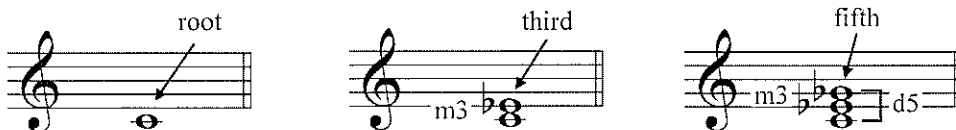
# Close Root-Position Diminished Triads II -

Create close root-position diminished triads using the provided notes as roots.

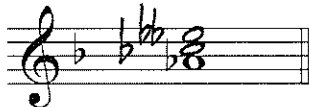
Create the third of the triad by adding a note a m3 above the root.

Create the diminished fifth of the triad by adding a note a d5 above the root (a m3 above the third).

Example



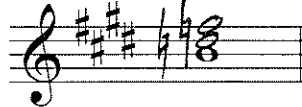
1



2



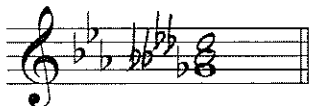
3



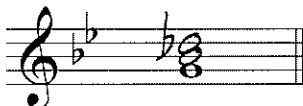
4



5



6



7



8



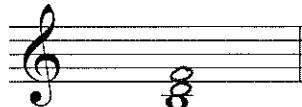
9



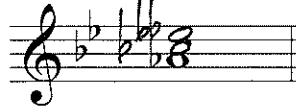
10



11



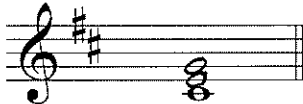
12



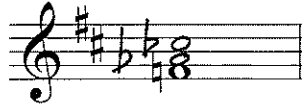
13



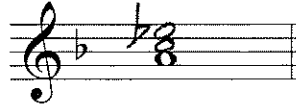
14



15



16



# Close Root-Position Diminished Triads II - $\text{bass clef}$

Create close root-position diminished triads using the provided notes as roots.

Create the third of the triad by adding a note a m3 above the root.

Create the diminished fifth of the triad by adding a note a d5 above the root (a m3 above the third).

Example

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

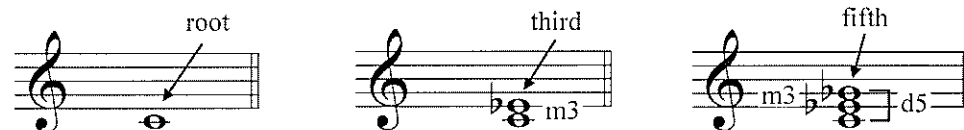
# Close Root-Position Diminished Triads II -

Create close root-position diminished triads using the provided notes as roots.

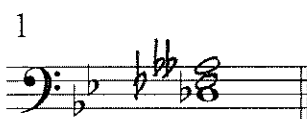
Create the third of the triad by adding a note a m3 above the root.

Create the diminished fifth of the triad by adding a note a d5 above the root (a m3 above the third).

Example



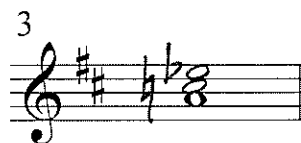
1



2



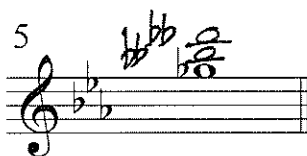
3



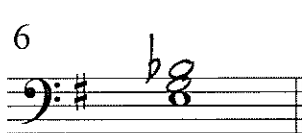
4



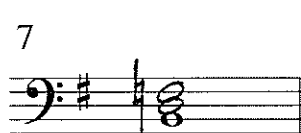
5



6



7



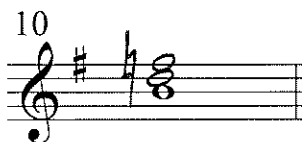
8



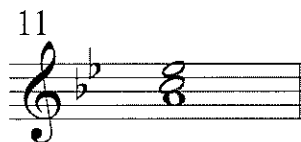
9



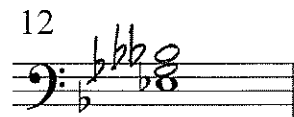
10



11



12



13



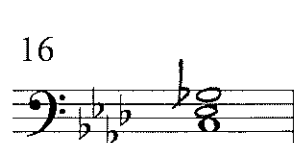
14



15



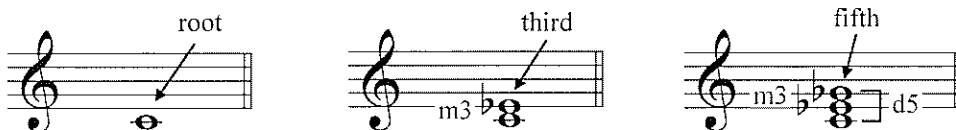
16



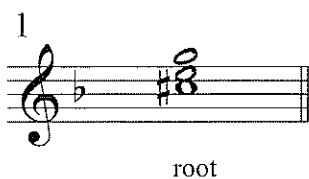
# Close Root-Position Diminished Triads III -

Triad position is indicated for each of the notes below. Add notes to create close root-position diminished triads.

Example



1



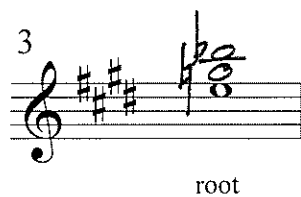
root

2



third

3



root

4



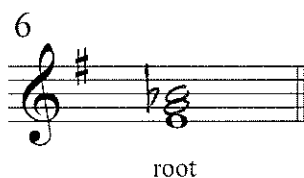
fifth

5



fifth

6



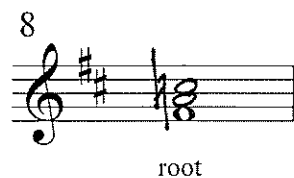
root

7



fifth

8



root

9



fifth

10



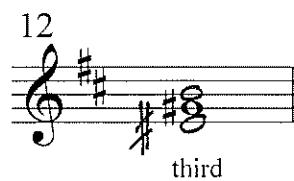
third

11



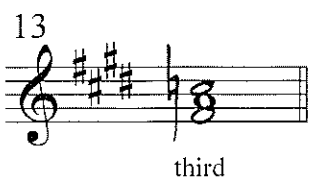
fifth

12



third

13



third

14



fifth

15



third

16

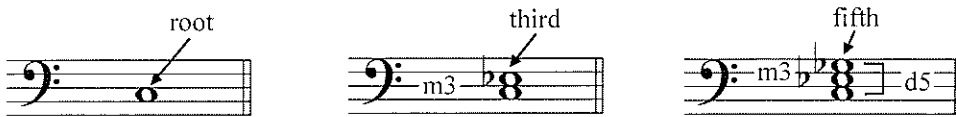


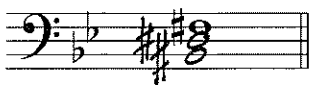
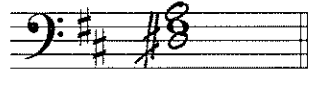
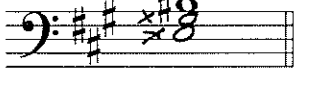
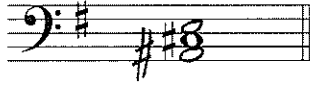
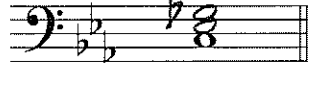
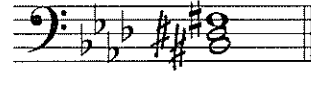
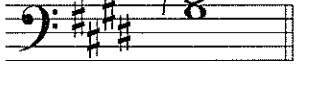
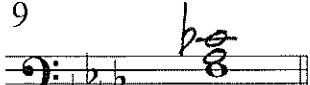
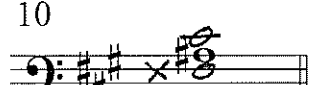
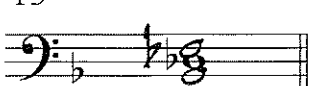
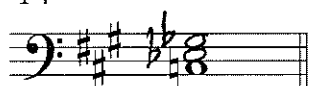
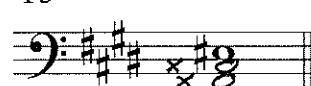
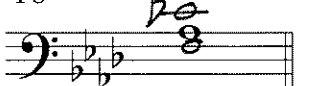
third

# Close Root-Position Diminished Triads III -

Triad position is indicated for each of the notes below. Add notes to create close root-position diminished triads.

Example

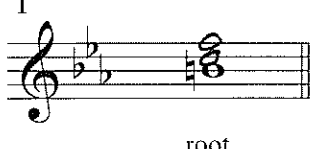
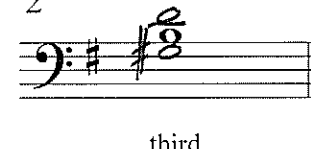
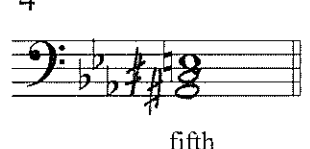
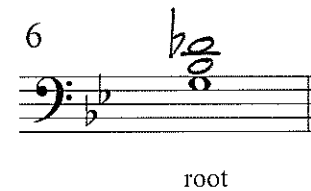
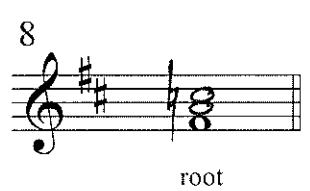
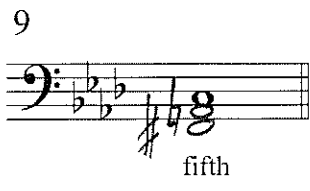
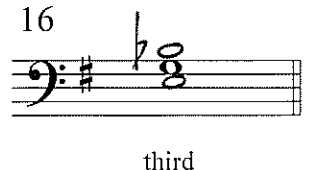


|                                                                                                   |                                                                                                    |                                                                                                     |                                                                                                      |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 1<br><br>fifth    | 2<br><br>third    | 3<br><br>root     | 4<br><br>fifth    |
| 5<br><br>third  | 6<br><br>root   | 7<br><br>fifth  | 8<br><br>root   |
| 9<br><br>root   | 10<br><br>third | 11<br><br>fifth | 12<br><br>third |
| 13<br><br>third | 14<br><br>root  | 15<br><br>fifth | 16<br><br>third |

# Close Root-Position Diminished Triads III -

Triad position is indicated for each of the notes below. Add notes to create close root-position diminished triads.

Example

|                                                                                                   |                                                                                                    |                                                                                                     |                                                                                                      |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 1<br><br>root     | 2<br><br>third    | 3<br><br>root     | 4<br><br>fifth    |
| 5<br><br>fifth   | 6<br><br>root    | 7<br><br>fifth   | 8<br><br>root    |
| 9<br><br>fifth  | 10<br><br>third | 11<br><br>fifth | 12<br><br>third |
| 13<br><br>third | 14<br><br>fifth | 15<br><br>third | 16<br><br>third |

# Close Root-Position Augmented Triads I -

A root-position **augmented triad** is composed of three notes stacked in thirds.



Example

The interval between the bottom two notes (root and third) is a major third (M3).

The interval between the top two notes (third and fifth) is also a minor third (M3).

The interval between the bottom and top notes (root and fifth) is an augmented fifth (A5).

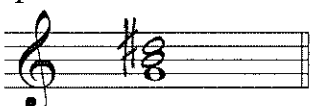
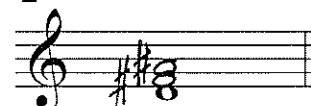
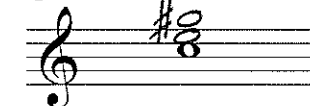
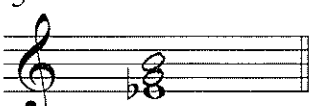
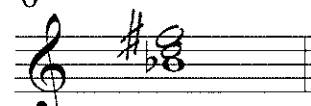
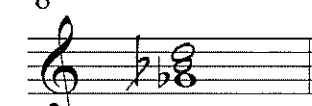
Answers in this exercise are limited to **close root-position augmented triads**.

1. Create close root-position augmented triads using the provided notes as roots.

Create the third of the triad by adding a note a M3 above the root.

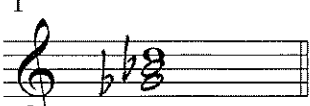
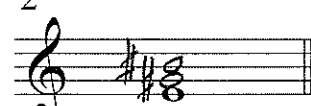
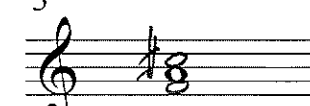
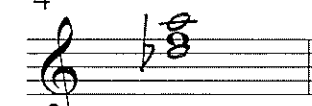
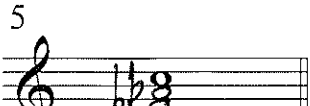
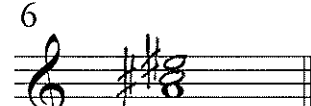
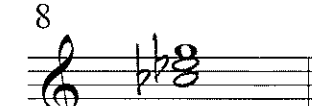
Create the fifth of the triad by adding a note an A5 above the root (a M3 above the third).



|                                                                                         |                                                                                          |                                                                                           |                                                                                            |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1<br> | 2<br> | 3<br> | 4<br> |
| 5<br> | 6<br> | 7<br> | 8<br> |

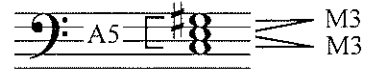
2. Triad position is indicated for each of the notes below.

Add notes to create close root-position augmented triads.

|                                                                                                  |                                                                                                  |                                                                                                    |                                                                                                     |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1<br><br>fifth | 2<br><br>root | 3<br><br>third | 4<br><br>third |
| 5<br><br>fifth | 6<br><br>root | 7<br><br>third | 8<br><br>fifth |

# Close Root-Position Augmented Triads I - $\text{bass clef}$

A root-position **augmented triad** is composed of three notes stacked in thirds.



The interval between the bottom two notes (root and third) is a major third (M3).  
 The interval between the top two notes (third and fifth) is also a minor third (M3).  
 The interval between the bottom and top notes (root and fifth) is an augmented fifth (A5).

Example

Answers in this exercise are limited to **close root-position augmented triads**.

1. Create close root-position augmented triads using the provided notes as roots.

Create the third of the triad by adding a note a M3 above the root.  
 Create the fifth of the triad by adding a note an A5 above the root (a M3 above the third).



|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
|   |   |   |   |
| 5 | 6 | 7 | 8 |
|   |   |   |   |

2. Triad position is indicated for each of the notes below.  
 Add notes to create close root-position augmented triads.

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
|   |   |   |   |
| 5 | 6 | 7 | 8 |
|   |   |   |   |

# Close Root-Position Augmented Triads I -

A root-position **augmented triad** is composed of three notes stacked in thirds.



Example

The interval between the bottom two notes (root and third) is a major third (M3).

The interval between the top two notes (third and fifth) is also a minor third (M3).

The interval between the bottom and top notes (root and fifth) is an augmented fifth (A5).

Answers in this exercise are limited to **close root-position augmented triads**.

1. Create close root-position augmented triads using the provided notes as roots.

Create the third of the triad by adding a note a M3 above the root.

Create the fifth of the triad by adding a note an A5 above the root (a M3 above the third).



|       |       |       |       |
|-------|-------|-------|-------|
| 1<br> | 2<br> | 3<br> | 4<br> |
| 5<br> | 6<br> | 7<br> | 8<br> |

2. Triad position is indicated for each of the notes below.

Add notes to create close root-position augmented triads.

|                |                |                |                |
|----------------|----------------|----------------|----------------|
| 1<br><br>root  | 2<br><br>third | 3<br><br>fifth | 4<br><br>root  |
| 5<br><br>fifth | 6<br><br>third | 7<br><br>root  | 8<br><br>fifth |

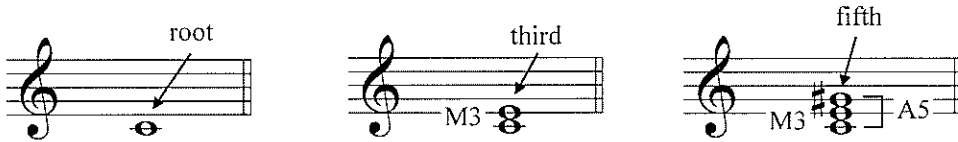
# Close Root-Position Augmented Triads II -

Create close root-position augmented triads using the provided notes as roots.

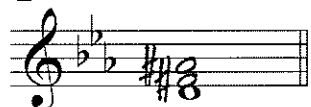
Create the third of the triad by adding a note a M3 above the root.

Create the fifth of the triad by adding a note a A5 above the root (a M3 above the third).

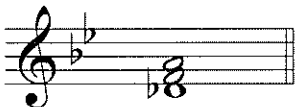
Example

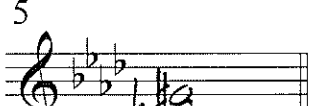


1  

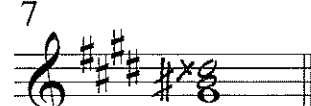

2  


3  

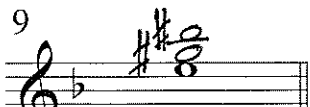

4  


5  


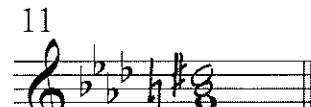
6  

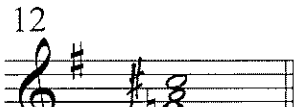

7  


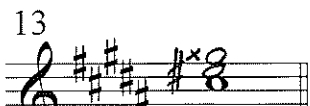
8  

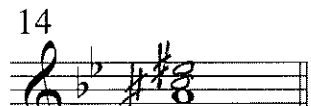

9  


10  

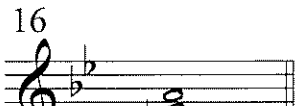

11  


12  


13  


14  


15  


16  


# Close Root-Position Augmented Triads II - $\text{bass clef}$

Create close root-position augmented triads using the provided notes as roots.

Create the third of the triad by adding a note a M3 above the root.

Create the fifth of the triad by adding a note a A5 above the root (a M3 above the third).

Example

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

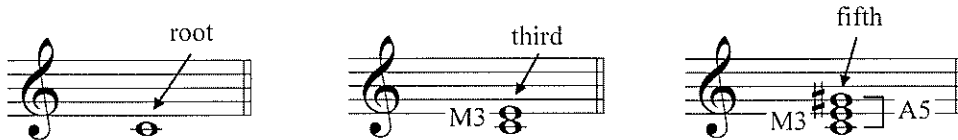
# Close Root-Position Augmented Triads II -

Create close root-position augmented triads using the provided notes as roots.

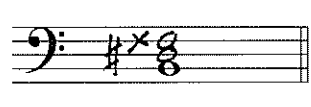
Create the third of the triad by adding a note a M3 above the root.

Create the fifth of the triad by adding a note a A5 above the root (a M3 above the third).

Example

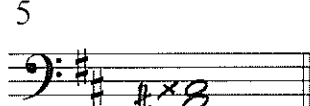


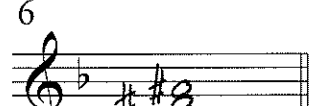
1  

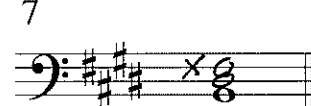

2  


3  

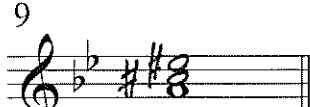

4  


5  


6  


7  


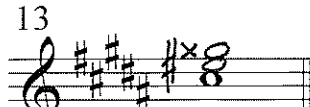
8  

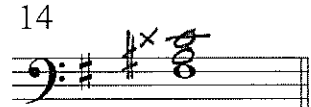

9  


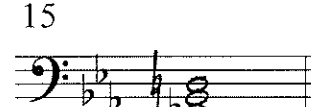
10  

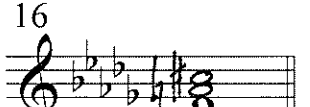

11  


12  


13  


14  


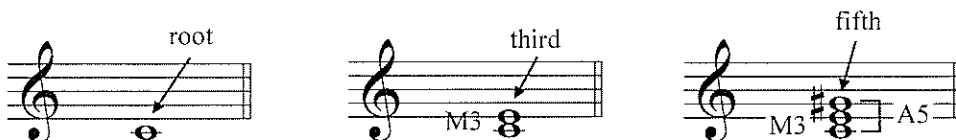
15  


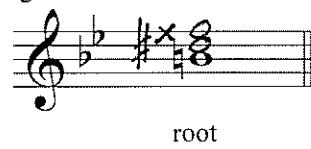
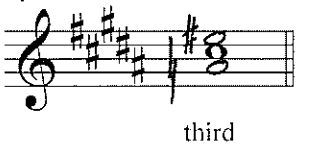
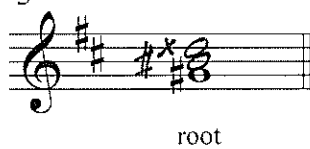
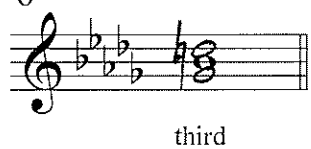
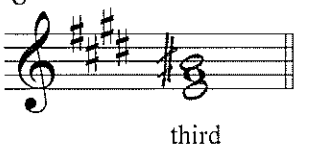
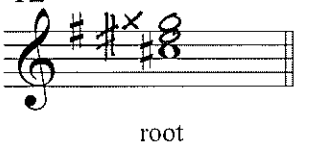
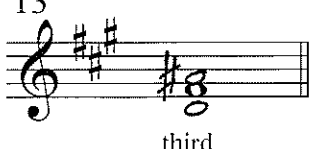
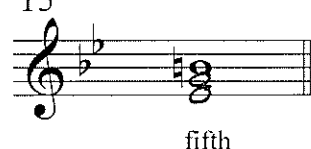
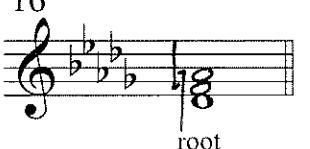
16  


# Close Root-Position Augmented Triads III -

Triad position is indicated for each of the notes below. Add notes to create close root-position augmented triads.

Example



|                                                                                          |                                                                                           |                                                                                            |                                                                                             |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1<br>    | 2<br>    | 3<br>    | 4<br>    |
| 5<br>  | 6<br>  | 7<br>  | 8<br>  |
| 9<br>  | 10<br> | 11<br> | 12<br> |
| 13<br> | 14<br> | 15<br> | 16<br> |

# Close Root-Position Augmented Triads III - $\text{bass clef}$

Triad position is indicated for each of the notes below. Add notes to create close root-position augmented triads.

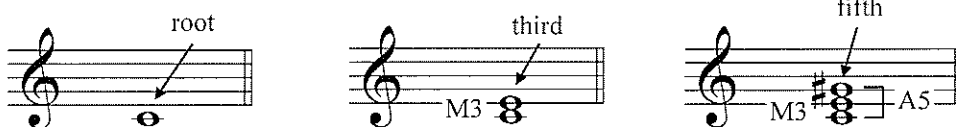
Example

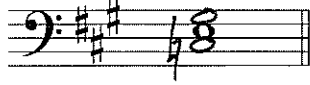
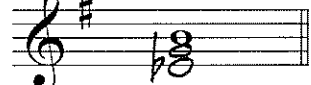
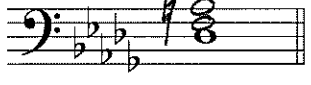
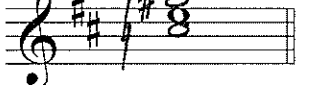
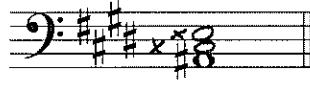
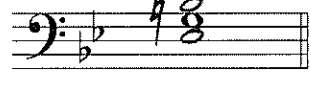
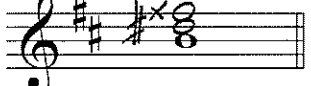
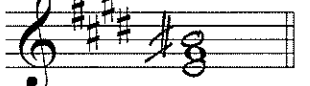
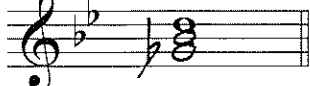
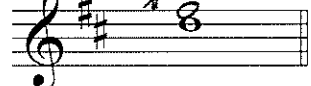
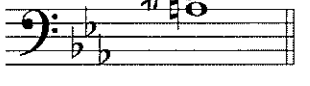
|       |       |       |       |
|-------|-------|-------|-------|
| 1     | 2     | 3     | 4     |
|       |       |       |       |
| third | fifth | fifth | third |
| 5     | 6     | 7     | 8     |
|       |       |       |       |
| root  | third | fifth | third |
| 9     | 10    | 11    | 12    |
|       |       |       |       |
| fifth | fifth | third | root  |
| 13    | 14    | 15    | 16    |
|       |       |       |       |
| fifth | root  | third | third |

# Close Root-Position Augmented Triads III -

Triad position is indicated for each of the notes below. Add notes to create close root-position augmented triads.

Example



|                                                                                          |                                                                                           |                                                                                            |                                                                                             |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1<br>    | 2<br>    | 3<br>    | 4<br>    |
| 5<br>  | 6<br>  | 7<br>  | 8<br>  |
| 9<br>  | 10<br> | 11<br> | 12<br> |
| 13<br> | 14<br> | 15<br> | 16<br> |

# Chord Quality Puzzles I

## Close Root-Position Triads -

Using the accidentals below, alter one or more notes of each close-position triad to create a chord which conforms to the indicated chord quality.

#      ♭      ♮      ×      ♭♭

Example

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Problem                                                                             | Solution                                                                            |
|  |  |
| dim                                                                                 | dim                                                                                 |

Do not alter any *added* accidentals (for example, the D# in No. 5). If there is more than one solution, choose the one which requires the least number of alterations.

1



min

2



Aug

3



Maj

4



min

5



dim

6



min

7



Aug

8



Maj

9



min

10



dim

11



Maj

12



Aug

13



Maj

14



min

15



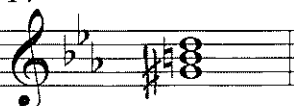
dim

16



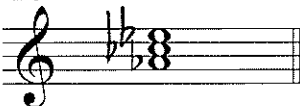
Aug

17



dim

18



min

19



Aug

20



Maj

# Chord Quality Puzzles II

## Close Root-Position Triads - $\text{bass clef}$

Using the accidentals below, alter one or more notes of each close-position triad to create a chord which conforms to the indicated chord quality.

$\sharp$     $\flat$     $\natural$     $\times$     $\flat\flat$

|         | Problem | Solution |
|---------|---------|----------|
| Example |         |          |
|         | dim     | dim      |

Do not alter any *added* accidentals (for example, the  $C\sharp$  in No. 5). If there is more than one solution, choose the one which requires the least number of alterations.

|               |               |               |               |
|---------------|---------------|---------------|---------------|
| 1<br><br>min  | 2<br><br>Aug  | 3<br><br>dim  | 4<br><br>Maj  |
| 5<br><br>Aug  | 6<br><br>min  | 7<br><br>Maj  | 8<br><br>Aug  |
| 9<br><br>min  | 10<br><br>Maj | 11<br><br>dim | 12<br><br>min |
| 13<br><br>Aug | 14<br><br>min | 15<br><br>dim | 16<br><br>Aug |
| 17<br><br>dim | 18<br><br>min | 19<br><br>Maj | 20<br><br>Aug |

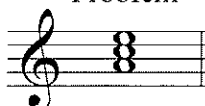
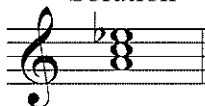
# Chord Quality Puzzles III

## Close Root-Position Triads -

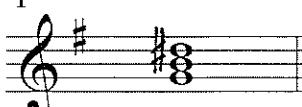
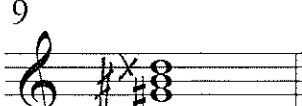
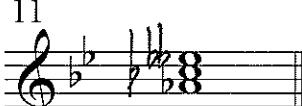
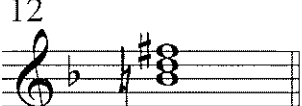
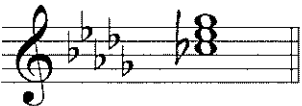
Using the accidentals below, alter one or more notes of each close-position triad to create a chord which conforms to the indicated chord quality.

#    b        x    

Example

| Problem                                                                             | Solution                                                                            |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| dim                                                                                 | dim                                                                                 |

Do not alter any *added* accidentals (for example, the D# in No. 4). If there is more than one solution, choose the one which requires the least number of alterations.

|                                                                                                 |                                                                                                  |                                                                                                   |                                                                                                    |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1<br><br>Aug    | 2<br><br>Maj    | 3<br><br>min    | 4<br><br>Aug    |
| 5<br><br>dim  | 6<br><br>min  | 7<br><br>Maj  | 8<br><br>dim  |
| 9<br><br>Aug  | 10<br><br>Maj | 11<br><br>dim | 12<br><br>min |
| 13<br><br>Maj | 14<br><br>dim | 15<br><br>min | 16<br><br>Aug |
| 17<br><br>dim | 18<br><br>Maj | 19<br><br>min | 20<br><br>Maj |

# Chord Quality Identification

## Close Root-Position Triads -

Indicate the chord quality of each triad using one of the following abbreviations:

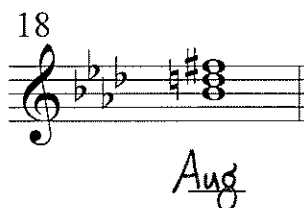
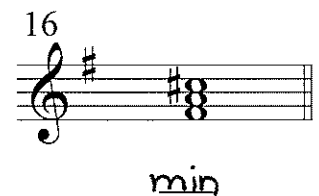
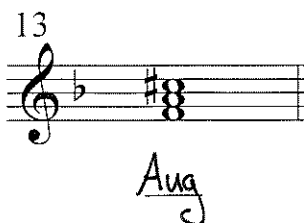
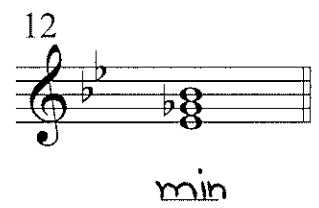
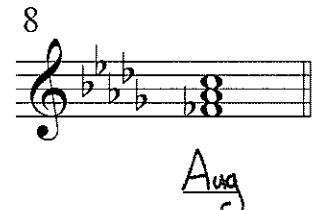
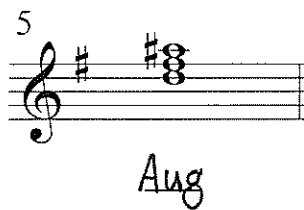
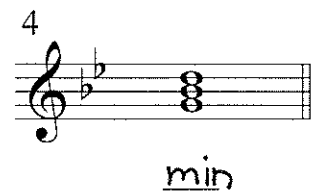
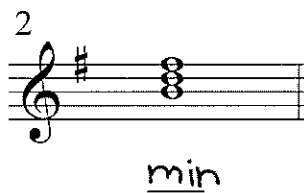
**Maj** (major)

**min** (minor)

**dim** (diminished)

**Aug** (augmented)

Example



# Chord Quality Identification

## Close Root-Position Triads - $\text{bass clef}$

Indicate the chord quality of each triad using one of the following abbreviations:

**Maj** (major)

**min** (minor)

**dim** (diminished)

**Aug** (augmented)

Example



|               |               |               |               |
|---------------|---------------|---------------|---------------|
| 1<br><br>min  | 2<br><br>Maj  | 3<br><br>Maj  | 4<br><br>dim  |
| 5<br><br>Aug  | 6<br><br>Maj  | 7<br><br>min  | 8<br><br>dim  |
| 9<br><br>dim  | 10<br><br>min | 11<br><br>dim | 12<br><br>min |
| 13<br><br>Aug | 14<br><br>min | 15<br><br>min | 16<br><br>Aug |
| 17<br><br>dim | 18<br><br>Maj | 19<br><br>Aug | 20<br><br>Aug |

# Chord Quality Identification

## Close Root-Position Triads -

Indicate the chord quality of each triad using one of the following abbreviations:

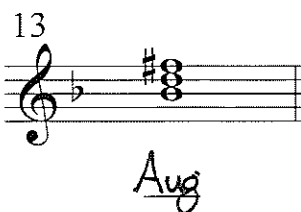
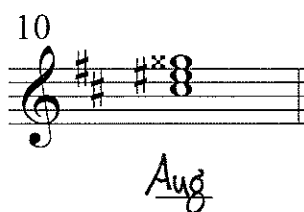
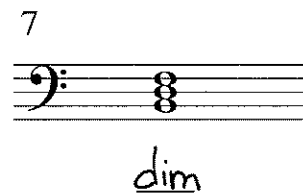
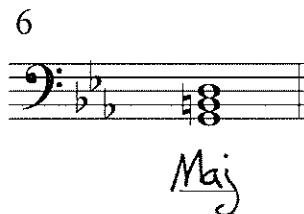
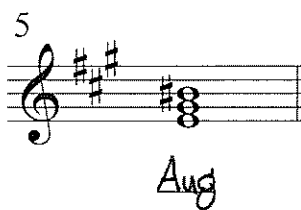
**Maj** (major)

**min** (minor)

**dim** (diminished)

**Aug** (augmented)

Example



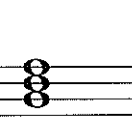
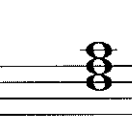
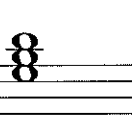
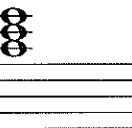
# Triads and Major Scales I -

In the example below, root-position triads are built on each **scale degree** of a C major scale. Each triad is named in accordance with two related chord identification systems.

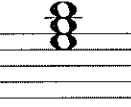
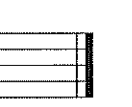
1. The letter name of each root is combined with a chord-quality designation to form a **chord symbol**.

2. **Roman numerals** associate each scale degree with a chord quality.

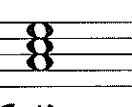
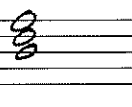
Chord qualities for each scale degree are consistent in all major scales: I, IV and V are major in all keys; ii, iv, and vi are minor; vii° is diminished.

|               |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|               | <sup>^</sup> 1                                                                    | <sup>^</sup> 2                                                                    | <sup>^</sup> 3                                                                    | <sup>^</sup> 4                                                                     | <sup>^</sup> 5                                                                      | <sup>^</sup> 6                                                                      | <sup>^</sup> 7                                                                      | <sup>^</sup> 1                                                                      |
| Scale Degree  |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| C Major       |  |  |  |  |  |  |  |  |
| Chord Symbol  | C Maj                                                                             | D min                                                                             | E min                                                                             | F Maj                                                                              | G Maj                                                                               | A min                                                                               | B dim                                                                               | C Maj                                                                               |
| Roman Numeral | I                                                                                 | ii                                                                                | iii                                                                               | IV                                                                                 | V                                                                                   | vi                                                                                  | vii°                                                                                | I                                                                                   |

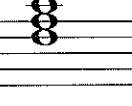
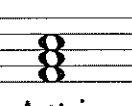
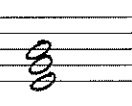
Key signatures in the following exercises designate major keys. As in the C Major example above, there are four elements associated with each item: scale degree, notes, chord symbol and Roman numeral. From the one element given, deduce the remaining three and provide the answers as shown in the example below.

|               |                                                                                     |                                                                                     |                                                                                     |  |                                                                                      |                                                                                       |                                                                                       |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Scale Degree  |                                                                                     | <sup>^</sup> 5                                                                      |                                                                                     |  | <sup>^</sup> 4                                                                       | <sup>^</sup> 5                                                                        | <sup>^</sup> 2                                                                        |
| Example       |  |  |  |  |  |  |  |
| Chord Symbol  |                                                                                     |                                                                                     | D min                                                                               |  | F Maj                                                                                | G Maj                                                                                 | D min                                                                                 |
| Roman Numeral |                                                                                     |                                                                                     |                                                                                     |  | IV                                                                                   | V                                                                                     | ii                                                                                    |

|   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |   |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|---|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1 | <sup>^</sup> 4                                                                     | <sup>^</sup> 1                                                                      | <sup>^</sup> 2                                                                      | <sup>^</sup> 5                                                                      | 2 | <sup>^</sup> 2                                                                        | <sup>^</sup> 4                                                                        | <sup>^</sup> 1                                                                        | <sup>^</sup> 5                                                                        |
|   |  |  |  |  |   |  |  |  |  |
|   | B <sup>b</sup> Maj                                                                 | F Maj                                                                               | G min                                                                               | C Maj                                                                               |   | A min                                                                                 | C Maj                                                                                 | G Maj                                                                                 | D Maj                                                                                 |
|   | IV                                                                                 | I                                                                                   | ii                                                                                  | V                                                                                   |   | ii                                                                                    | IV                                                                                    | I                                                                                     | V                                                                                     |

|   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |   |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|---|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 3 | <sup>^</sup> 2                                                                     | <sup>^</sup> 3                                                                      | <sup>^</sup> 4                                                                      | <sup>^</sup> 5                                                                      | 4 | <sup>^</sup> 2                                                                        | <sup>^</sup> 5                                                                        | <sup>^</sup> 1                                                                        | <sup>^</sup> 4                                                                        |
|   |  |  |  |  |   |  |  |  |  |
|   | C min                                                                              | D min                                                                               | E <sup>b</sup> Maj                                                                  | F Maj                                                                               |   | E min                                                                                 | A Maj                                                                                 | D Maj                                                                                 | G Maj                                                                                 |
|   | ii                                                                                 | iii                                                                                 | IV                                                                                  | V                                                                                   |   | ii                                                                                    | V                                                                                     | I                                                                                     | IV                                                                                    |

# Triads and Major Scales I -

In the example below, root-position triads are built on each **scale degree** of a C major scale. Each triad is named in accordance with two related chord identification systems.

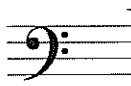
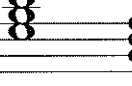
1. The letter name of each root is combined with a chord-quality designation to form a **chord symbol**.

2. **Roman numerals** associate each scale degree with a chord quality.

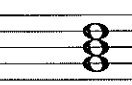
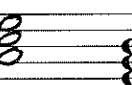
Chord qualities for each scale degree are consistent in all major scales: I, IV and V are major in all keys; ii, iv, and vi are minor; vii° is diminished.

|               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|               | <sup>^</sup><br>1                                                                 | <sup>^</sup><br>2                                                                 | <sup>^</sup><br>3                                                                 | <sup>^</sup><br>4                                                                 | <sup>^</sup><br>5                                                                 | <sup>^</sup><br>6                                                                   | <sup>^</sup><br>7                                                                   | <sup>^</sup><br>1                                                                   |
| Scale Degree  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| C Major       |  |  |  |  |  |  |  |  |
| Chord Symbol  | C Maj                                                                             | D min                                                                             | E min                                                                             | F Maj                                                                             | G Maj                                                                             | A min                                                                               | B dim                                                                               | C Maj                                                                               |
| Roman Numeral | I                                                                                 | ii                                                                                | iii                                                                               | IV                                                                                | V                                                                                 | vi                                                                                  | vii°                                                                                | I                                                                                   |

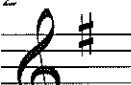
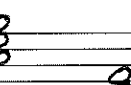
Key signatures in the following exercises designate major keys. As in the C Major example above, there are four elements associated with each item: scale degree, notes, chord symbol and Roman numeral. From the one element given, deduce the remaining three and provide the answers as shown in the example below.

|               |                                                                                     |                   |       |  |                                                                                      |                                                                                       |                                                                                       |
|---------------|-------------------------------------------------------------------------------------|-------------------|-------|--|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Scale Degree  | —                                                                                   | <sup>^</sup><br>5 | —     |  | <sup>^</sup><br>4                                                                    | <sup>^</sup><br>5                                                                     | <sup>^</sup><br>2                                                                     |
| Example       |  |                   |       |  |  |  |  |
| Chord Symbol  | —                                                                                   | —                 | D min |  | F Maj                                                                                | G Maj                                                                                 | D min                                                                                 |
| Roman Numeral | —                                                                                   | —                 | —     |  | IV                                                                                   | V                                                                                     | ii                                                                                    |

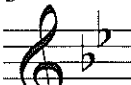
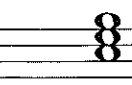
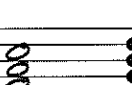
  

|   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |  |  |
|---|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|
| 1 | <sup>^</sup><br>1                                                                  | <sup>^</sup><br>4                                                                   | <sup>^</sup><br>5                                                                   | <sup>^</sup><br>2                                                                   |  |  |  |
|   |  |  |  |  |  |  |  |
|   | F Maj                                                                              | B <sup>b</sup> Maj                                                                  | C Maj                                                                               | G min                                                                               |  |  |  |
|   | I                                                                                  | IV                                                                                  | V                                                                                   | ii                                                                                  |  |  |  |

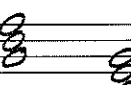
  

|   |                                                                                     |                                                                                       |                                                                                       |                                                                                       |  |  |  |
|---|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|--|--|
| 2 | <sup>^</sup><br>2                                                                   | <sup>^</sup><br>1                                                                     | <sup>^</sup><br>4                                                                     | <sup>^</sup><br>5                                                                     |  |  |  |
|   |  |  |  |  |  |  |  |
|   | A min                                                                               | G Maj                                                                                 | C Maj                                                                                 | D Maj                                                                                 |  |  |  |
|   | ii                                                                                  | I                                                                                     | IV                                                                                    | V                                                                                     |  |  |  |

|   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |  |  |
|---|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|
| 3 | <sup>^</sup><br>4                                                                  | <sup>^</sup><br>2                                                                   | <sup>^</sup><br>5                                                                   | <sup>^</sup><br>6                                                                   |  |  |  |
|   |  |  |  |  |  |  |  |
|   | E <sup>b</sup> Maj                                                                 | C min                                                                               | F Maj                                                                               | G min                                                                               |  |  |  |
|   | IV                                                                                 | ii                                                                                  | V                                                                                   | vi                                                                                  |  |  |  |

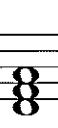
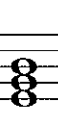
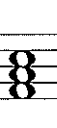
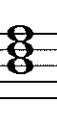
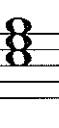
  

|   |                                                                                     |                                                                                       |                                                                                       |                                                                                       |  |  |  |
|---|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|--|--|
| 4 | <sup>^</sup><br>2                                                                   | <sup>^</sup><br>5                                                                     | <sup>^</sup><br>1                                                                     | <sup>^</sup><br>4                                                                     |  |  |  |
|   |  |  |  |  |  |  |  |
|   | E min                                                                               | A Maj                                                                                 | D Maj                                                                                 | G Maj                                                                                 |  |  |  |
|   | ii                                                                                  | V                                                                                     | I                                                                                     | IV                                                                                    |  |  |  |

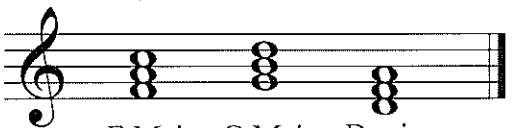
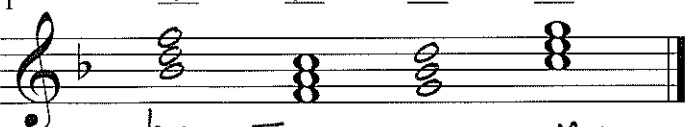
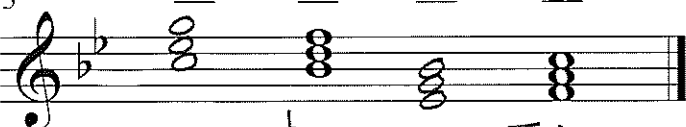
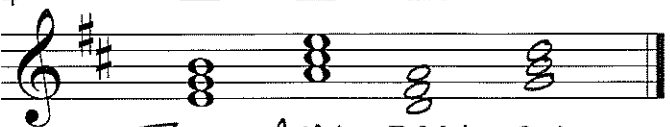
# Triads and Major Scales I -

In the example below, root-position triads are built on each **scale degree** of a C major scale. Each triad is named in accordance with two related chord identification systems.

1. The letter name of each root is combined with a chord-quality designation to form a **chord symbol**.
2. **Roman numerals** associate each scale degree with a chord quality.  
Chord qualities for each scale degree are consistent in all major scales: I, IV and V are major in all keys; ii, iv, and vi are minor; vii° is diminished.

| Scale Degree  | <sup>^</sup> 1                                                                    | <sup>^</sup> 2                                                                    | <sup>^</sup> 3                                                                    | <sup>^</sup> 4                                                                    | <sup>^</sup> 5                                                                     | <sup>^</sup> 6                                                                      | <sup>^</sup> 7                                                                      | <sup>^</sup> 1                                                                      |
|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| C Major       |  |  |  |  |  |  |  |  |
| Chord Symbol  | C Maj                                                                             | D min                                                                             | E min                                                                             | F Maj                                                                             | G Maj                                                                              | A min                                                                               | B dim                                                                               | C Maj                                                                               |
| Roman Numeral | I                                                                                 | ii                                                                                | iii                                                                               | IV                                                                                | V                                                                                  | vi                                                                                  | vii°                                                                                | I                                                                                   |

Key signatures in the following exercises designate major keys. As in the C Major example above, there are four elements associated with each item: scale degree, notes, chord symbol and Roman numeral. From the one element given, deduce the remaining three and provide the answers as shown in the example below.

|               |                                                                                      |                    |                    |                                                                                      |                |                |                |                |
|---------------|--------------------------------------------------------------------------------------|--------------------|--------------------|--------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|
| Scale Degree  | <sup>^</sup> 5                                                                       |                    |                    | <sup>^</sup> 4                                                                       |                |                | <sup>^</sup> 5 | <sup>^</sup> 2 |
| Example       |   |                    |                    |  |                |                |                |                |
| Chord Symbol  | D min                                                                                |                    |                    | F Maj G Maj D min                                                                    |                |                |                |                |
| Roman Numeral |                                                                                      |                    |                    | IV V ii                                                                              |                |                |                |                |
| 1             | <sup>^</sup> 4                                                                       | <sup>^</sup> 1     | <sup>^</sup> 2     | <sup>^</sup> 5                                                                       | <sup>^</sup> 2 | <sup>^</sup> 4 | <sup>^</sup> 1 | <sup>^</sup> 5 |
|               |    |                    |                    |                                                                                      |                |                |                |                |
|               | B <sup>b</sup> Maj                                                                   | F Maj              | G min              | C Maj                                                                                | A min          | C Maj          | G Maj          | D Maj          |
|               | IV                                                                                   | I                  | ii                 | V                                                                                    | ii             | IV             | I              | V              |
| 3             | <sup>^</sup> 2                                                                       | <sup>^</sup> 1     | <sup>^</sup> 4     | <sup>^</sup> 5                                                                       | <sup>^</sup> 2 | <sup>^</sup> 5 | <sup>^</sup> 1 | <sup>^</sup> 4 |
|               |    |                    |                    |                                                                                      |                |                |                |                |
|               | C min                                                                                | B <sup>b</sup> Maj | E <sup>b</sup> Maj | F Maj                                                                                | E min          | A Maj          | D Maj          | G Maj          |
|               | ii                                                                                   | I                  | IV                 | V                                                                                    | ii             | V              | I              | IV             |
| 4             | <sup>^</sup> 2                                                                       | <sup>^</sup> 5     | <sup>^</sup> 1     | <sup>^</sup> 4                                                                       | <sup>^</sup> 2 | <sup>^</sup> 5 | <sup>^</sup> 1 | <sup>^</sup> 4 |
|               |  |                    |                    |                                                                                      |                |                |                |                |
|               | E min                                                                                | A Maj              | D Maj              | G Maj                                                                                | E min          | A Maj          | D Maj          | G Maj          |
|               | ii                                                                                   | V                  | I                  | IV                                                                                   | ii             | V              | I              | IV             |

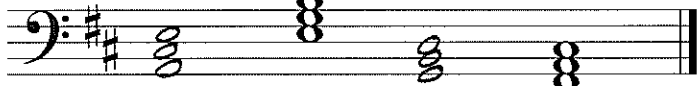
# Triads and Major Scales II - $\text{bass clef}$

Key signatures in the following exercises designate major keys. There are four elements associated with each item: scale degree, notes, chord symbol and Roman numeral. From the one element given, deduce the remaining three and provide the answers as shown in the example below.

|               |                                                                                   |           |       |          |                                                                                    |           |           |
|---------------|-----------------------------------------------------------------------------------|-----------|-------|----------|------------------------------------------------------------------------------------|-----------|-----------|
| Scale Degree  | _____                                                                             | $\hat{5}$ | _____ |          | $\hat{4}$                                                                          | $\hat{5}$ | $\hat{2}$ |
| Example       |  |           |       | Solution |  |           |           |
| Chord Symbol  | _____                                                                             | _____     | G min |          | B $\flat$ Maj                                                                      | C Maj     | G min     |
| Roman Numeral | _____                                                                             | _____     | _____ |          | <u>IV</u>                                                                          | <u>V</u>  | <u>ii</u> |

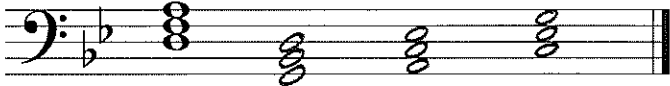
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1  $\hat{5}$   $\hat{2}$   $\hat{4}$   $\hat{3}$



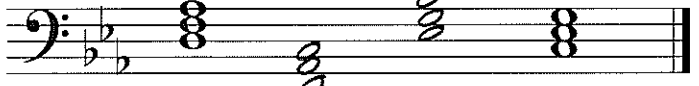
A Maj E min G Maj F# min  
V ii IV iii

2  $\hat{3}$   $\hat{6}$   $\hat{7}$   $\hat{2}$



D min G min A dim C min  
iii vi vii $^\circ$  ii

3  $\hat{7}$   $\hat{2}$   $\hat{1}$   $\hat{6}$



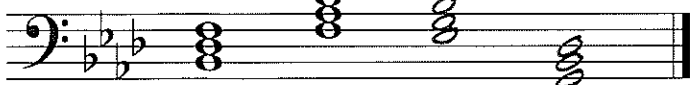
D min F min E $\flat$  Maj C min  
vii $^\circ$  ii I vi

4  $\hat{4}$   $\hat{3}$   $\hat{6}$   $\hat{2}$



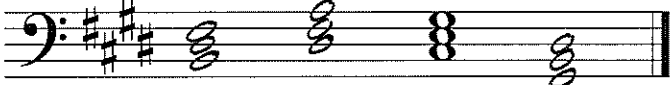
D Maj C# min F# min B min  
IV iii vi ii

5  $\hat{2}$   $\hat{6}$   $\hat{5}$   $\hat{7}$



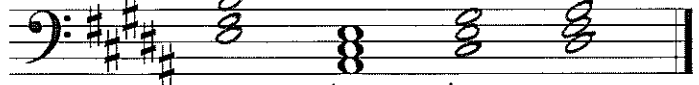
B $\flat$  min F min E $\flat$  Maj G dim  
ii vi V vii $^\circ$

6  $\hat{5}$   $\hat{7}$   $\hat{6}$   $\hat{3}$



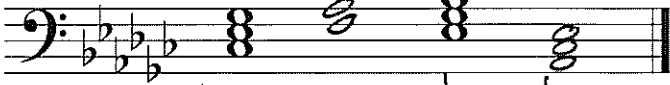
B Maj D# dim C# dim G# min  
V vii $^\circ$  vi iii

7  $\hat{4}$   $\hat{7}$   $\hat{2}$   $\hat{3}$



E Maj A# dim C# min D# min  
iv vii $^\circ$  ii iii

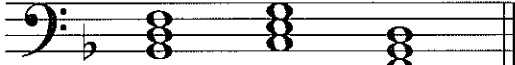
8  $\hat{4}$   $\hat{7}$   $\hat{6}$   $\hat{2}$



C $\flat$  Maj F dim E $\flat$  min A $\flat$  min  
IV vii $^\circ$  vi ii

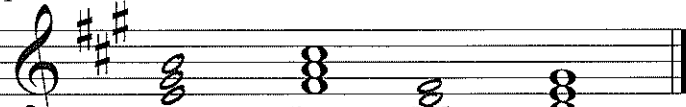
# Triads and Major Scales II -

Key signatures in the following exercises designate major keys. There are four elements associated with each item: scale degree, notes, chord symbol and Roman numeral. From the one element given, deduce the remaining three and provide the answers as shown in the example below.

|               |                                                                                   |           |       |          |                                                                                    |           |           |
|---------------|-----------------------------------------------------------------------------------|-----------|-------|----------|------------------------------------------------------------------------------------|-----------|-----------|
| Scale Degree  | —                                                                                 | $\hat{5}$ | —     |          | $\hat{4}$                                                                          | $\hat{5}$ | $\hat{2}$ |
| Example       |  |           |       | Solution |  |           |           |
| Chord Symbol  | —                                                                                 | —         | G min |          | B $\flat$ Maj                                                                      | C Maj     | G min     |
| Roman Numeral | —                                                                                 | —         | —     |          | <u>IV</u>                                                                          | <u>V</u>  | <u>ii</u> |

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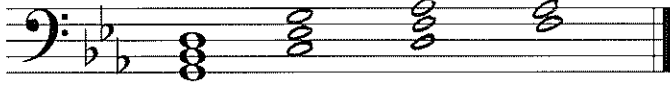
1  $\hat{5}$   $\hat{6}$   $\hat{2}$   $\hat{3}$



E Maj F $\sharp$  min B min C $\sharp$  min

V vi ii iii

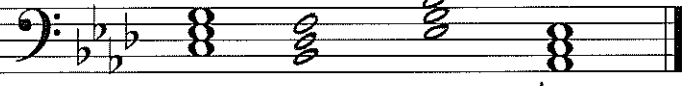
2  $\hat{3}$   $\hat{6}$   $\hat{7}$   $\hat{2}$



G min C min D dim F min

iii vi vii $^\circ$  ii

3  $\hat{3}$   $\hat{2}$   $\hat{5}$   $\hat{1}$



C min B $\flat$  min E $\flat$  Maj A $\flat$  Maj

iii ii V I

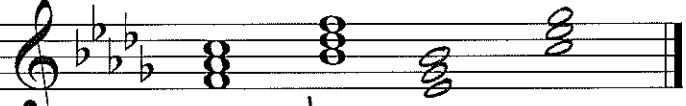
4  $\hat{7}$   $\hat{3}$   $\hat{6}$   $\hat{2}$



D $\sharp$  dim G $\sharp$  min C $\sharp$  min F $\sharp$  min

vii iii vi ii

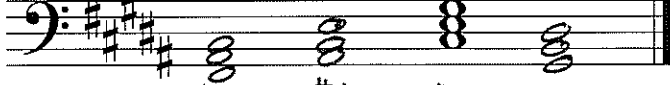
5  $\hat{3}$   $\hat{6}$   $\hat{2}$   $\hat{7}$



F min B $\flat$  min E $\flat$  min C dim

iii vi ii vii $^\circ$

6  $\hat{5}$   $\hat{7}$   $\hat{2}$   $\hat{6}$



F $\sharp$  Maj A $\sharp$  dim C $\sharp$  min G $\sharp$  min

V vii $^\circ$  ii vi

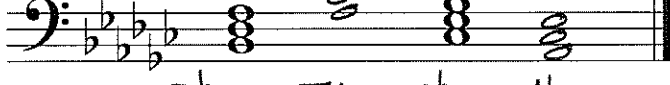
7  $\hat{4}$   $\hat{2}$   $\hat{3}$   $\hat{6}$



B Maj G $\sharp$  min A $\sharp$  min D $\sharp$  min

IV ii iii vi

8  $\hat{3}$   $\hat{7}$   $\hat{4}$   $\hat{2}$



B $\flat$  min F dim C $\flat$  Maj A $\flat$  min

iii vii $^\circ$  IV ii

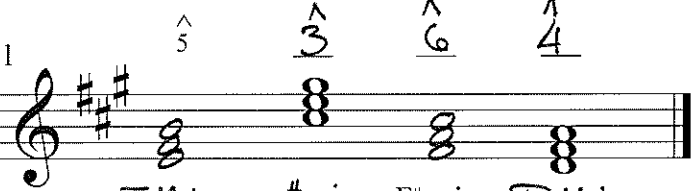
# Triads and Major Scales II -

Key signatures in the following exercises designate major keys. There are four elements associated with each item: scale degree, notes, chord symbol and Roman numeral. From the one element given, deduce the remaining three and provide the answers as shown in the example below.

|               |                                                                                   |           |       |          |                                                                                    |           |           |
|---------------|-----------------------------------------------------------------------------------|-----------|-------|----------|------------------------------------------------------------------------------------|-----------|-----------|
| Scale Degree  | —                                                                                 | $\hat{5}$ | —     |          | $\hat{4}$                                                                          | $\hat{5}$ | $\hat{2}$ |
| Example       |  |           |       | Solution |  |           |           |
| Chord Symbol  | —                                                                                 | —         | D min |          | F Maj                                                                              | G Maj     | D min     |
| Roman Numeral | —                                                                                 | —         | —     |          | <u>IV</u>                                                                          | <u>V</u>  | <u>ii</u> |

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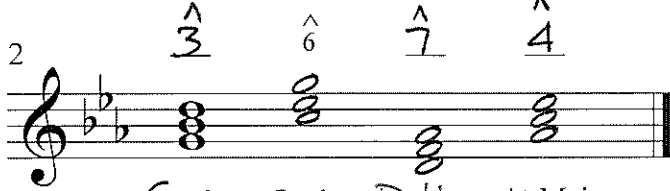
1



E Maj   C# min   F# min   D Maj

V   iii   vi   IV

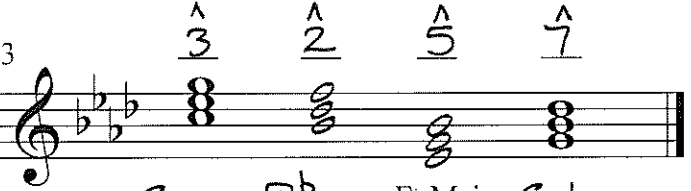
2



G min   C min   D dim   Ab Maj

iii   vi   vii°   IV

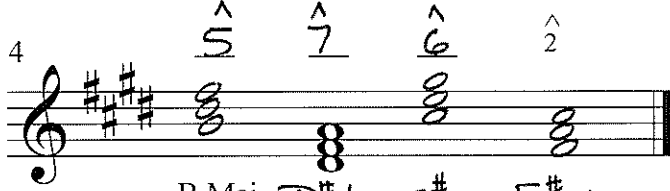
3



C min   B min   Eb Maj   G dim

iii   ii   V   vii°

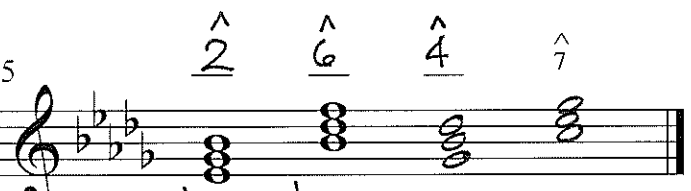
4



B Maj   D dim   C# min   F# min

V   vii°   vi   ii

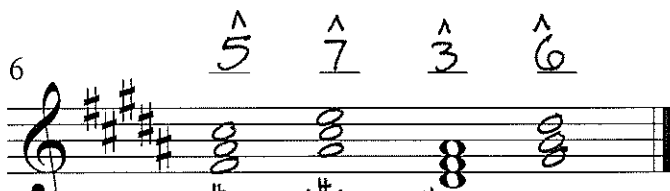
5



Eb min   B min   Gb Maj   C dim

ii   vi   IV   vii°

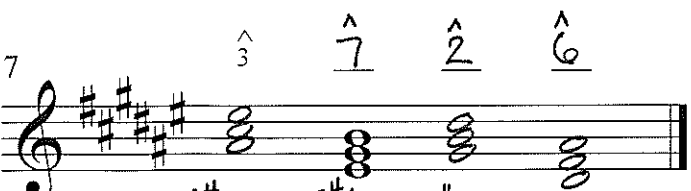
6



F# Maj   A dim   D dim   G# min

V   vii°   iii   vi

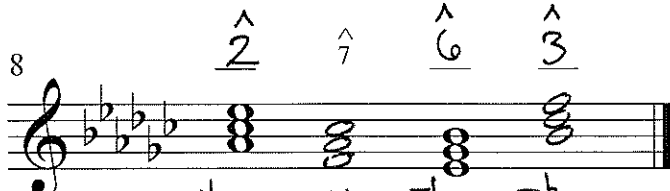
7



A# min   E dim   G# min   D# min

iii   vii°   ii   vi

8



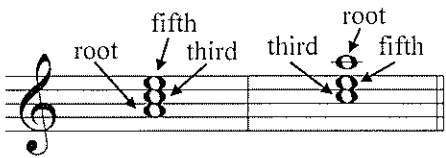
Ab min   F dim   Eb min   B min

ii   vii°   vi   iii

# First-Inversion Triad Basics -

A triad in which the **third** is the lowest note is called a **first-inversion triad**. As shown in the example, a first-inversion triad is created by simply stacking the pitches of a root-position triad with the third in the bass.

Example



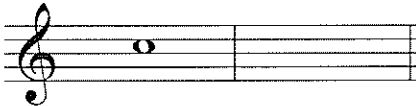
root position      first inversion

Answers in this exercise are limited to **diatonic close-position first-inversion triads**.

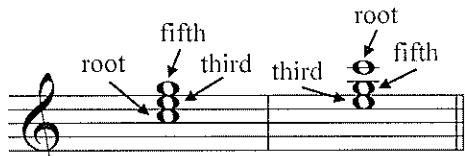
## 1. Create close-position first-inversion triads using the given notes as roots.

Draw (or imagine) the third and fifth above the given root to create a preparatory root-position triad. In the blank measure, draw the third and the fifth exactly as they appear in the preparatory triad. Complete the triad by drawing the root above the fifth (an octave higher than the given note).

Example

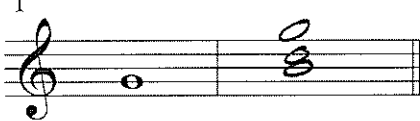


Solution

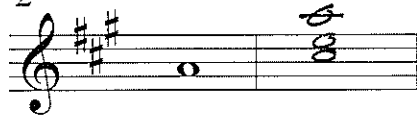


root position      first inversion

1



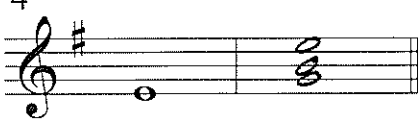
2



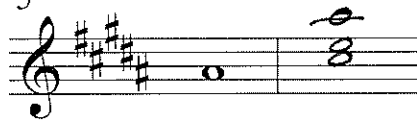
3



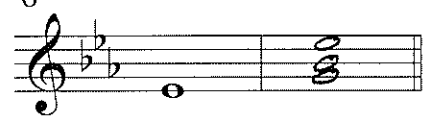
4



5

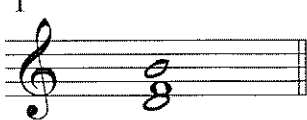


6



## 2. Triad position is indicated for each of the notes below. Add notes to create close-position first-inversion triads.

1



fifth

2



third

3



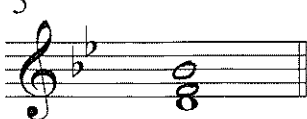
third

4



fifth

5



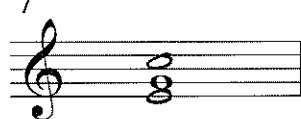
third

6



fifth

7



fifth

8

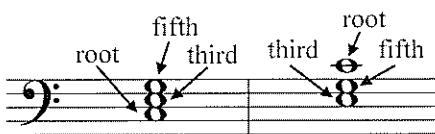


third

# First-Inversion Triad Basics -

A triad in which the **third** is the lowest note is called a **first-inversion triad**. As shown in the example, a first-inversion triad is created by simply stacking the pitches of a root-position triad with the third in the bass.

Example



root position      first inversion

Answers in this exercise are limited to **diatonic close-position first-inversion triads**.

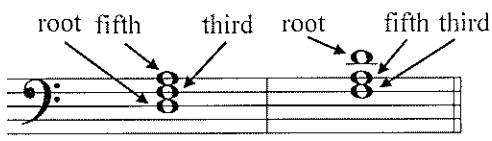
1. Create close-position first-inversion triads using the given notes as roots.

Draw (or imagine) the third and fifth above the given root to create a preparatory root-position triad. In the blank measure, draw the third and the fifth exactly as they appear in the preparatory triad. Complete the triad by drawing the root above the fifth (an octave higher than the given note).

Example

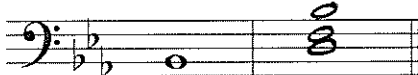


Solution

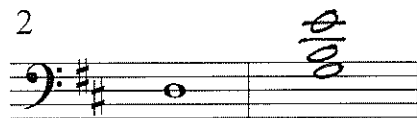


root position      first inversion

1



2



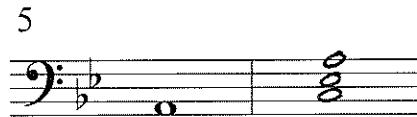
3



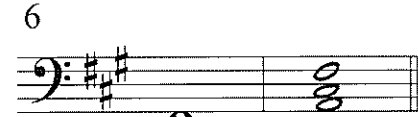
4



5

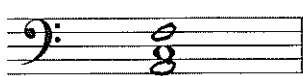


6



2. Triad position is indicated for each of the notes below. Add notes to create close-position first-inversion triads.

1



fifth

2



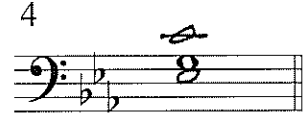
third

3



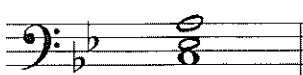
third

4



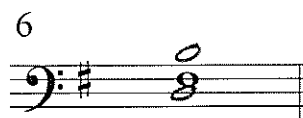
fifth

5



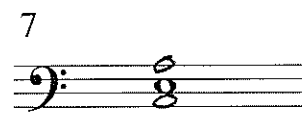
third

6



fifth

7



fifth

8



third

# First-Inversion Triad Basics -

A triad in which the **third** is the lowest note is called a **first-inversion triad**. As shown in the example, a first-inversion triad is created by simply stacking the pitches of a root-position triad with the third in the bass.

Example



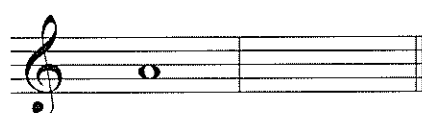
root position      first inversion

Answers in this exercise are limited to  
**diatonic close-position first-inversion triads.**

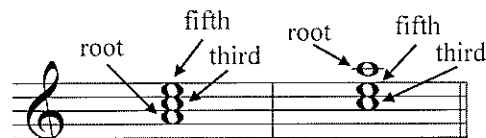
1. Create close-position first-inversion triads using the given notes as roots.

Draw (or imagine) the third and fifth above the given root to create a preparatory root-position triad.  
In the blank measure, draw the third and the fifth exactly as they appear in the preparatory triad.  
Complete the triad by drawing the root above the fifth (an octave higher than the given note).

Example

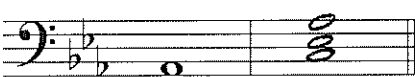


Solution



root position      first inversion

1



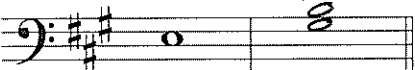
2



3



4



5

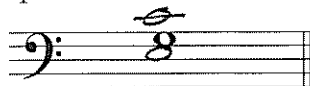


6



2. Triad position is indicated for each of the notes below.  
Add notes to create close-position first-inversion triads.

1



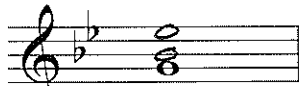
fifth

2



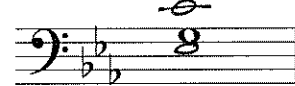
third

3



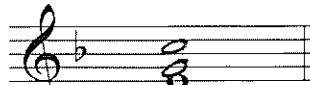
third

4



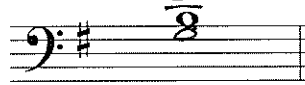
fifth

5



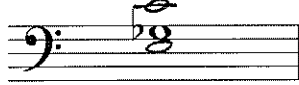
third

6



fifth

7



fifth

8



third

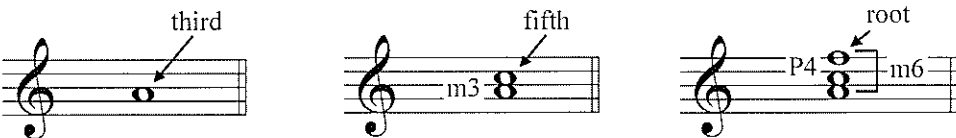
# First-Inversion Major Triads -

Create close first-inversion major triads using the provided notes as thirds.

Create the fifth of the triad by adding a note a m3 above the third.

Create the root of the triad by adding a note a P4 above the fifth.

Example

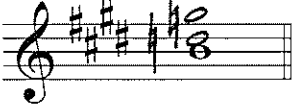


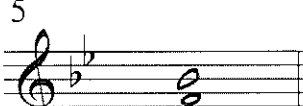

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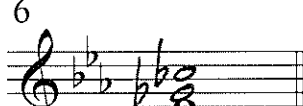
1  


2  

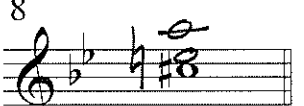

3  


4  


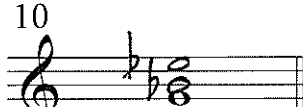
5  


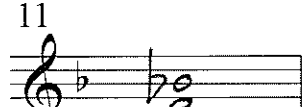
6  


7  

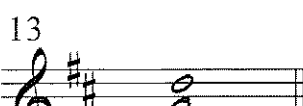

8  


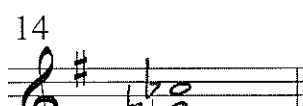
9  


10  


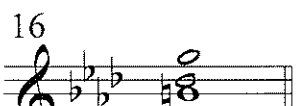
11  


12  


13  


14  


15  


16  


# First-Inversion Major Triads - $\text{basso continuo}$

Create close first-inversion major triads using the provided notes as thirds.

Create the fifth of the triad by adding a note a m3 above the third.

Create the root of the triad by adding a note a P4 above the fifth.

Example

---

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

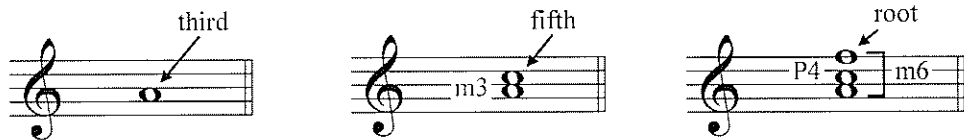
# First-Inversion Major Triads -

Create close first-inversion major triads using the provided notes as thirds.

Create the fifth of the triad by adding a note a m3 above the third.

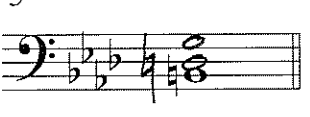
Create the root of the triad by adding a note a P4 above the fifth.

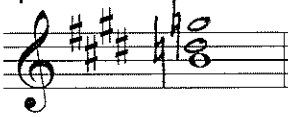
Example

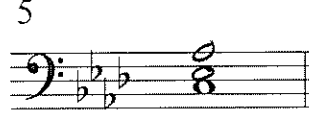


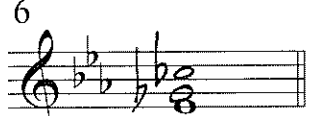
1  


2  

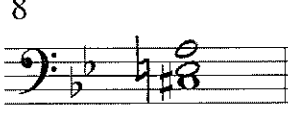

3  


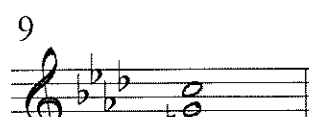
4  


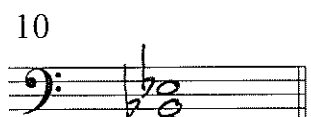
5  


6  


7  

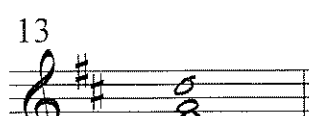

8  


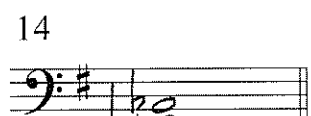
9  


10  


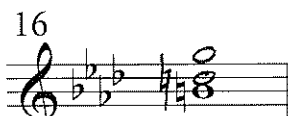
11  


12  


13  


14  


15  


16  


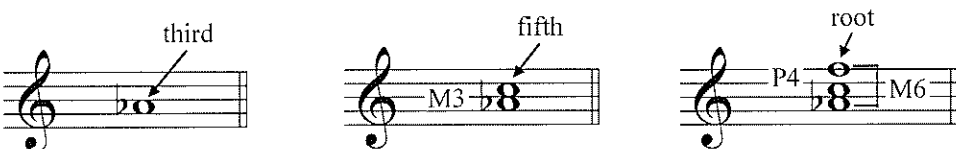
# First-Inversion Minor Triads -

Create close first-inversion minor triads using the provided notes as the third of the chord.

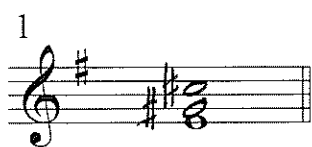
Create the fifth of the triad by adding a note a M3 above the third.

Create the root of the triad by adding a note a P4 above the fifth.

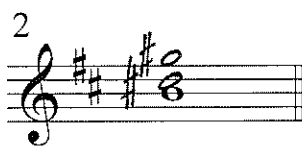
Example



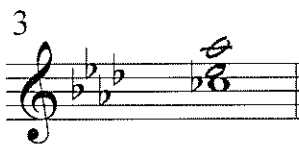
1



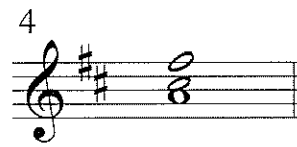
2



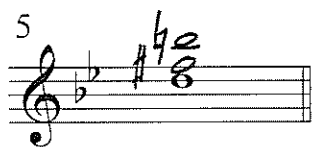
3



4



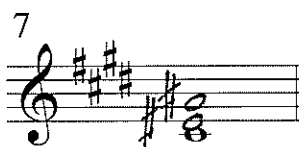
5



6



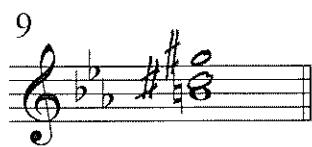
7



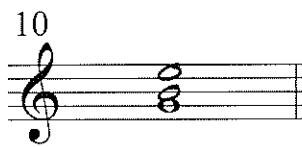
8



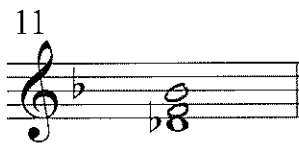
9



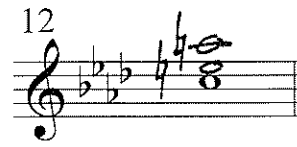
10



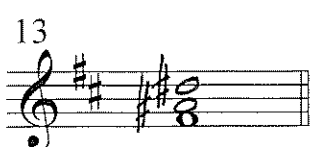
11



12



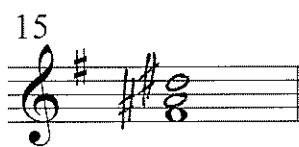
13



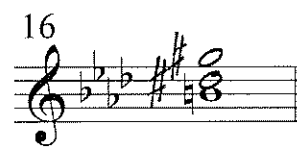
14



15



16



# First-Inversion Minor Triads II - $\text{b}$

Create close first-inversion minor triads using the provided notes as the third of the chord.

Create the fifth of the triad by adding a note a M3 above the third.

Create the root of the triad by adding a note a P4 above the fifth.

Example

|    |    |    |    |
|----|----|----|----|
| 1  | 2  | 3  | 4  |
| 5  | 6  | 7  | 8  |
| 9  | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |

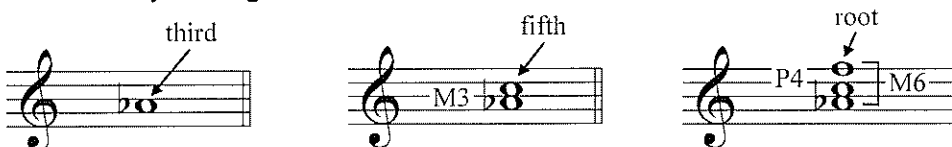
# First-Inversion Minor Triads -

Create close first-inversion minor triads using the provided notes as the third of the chord.

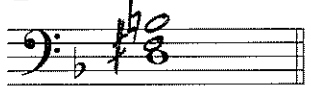
Create the fifth of the triad by adding a note a M3 above the third.

Create the root of the triad by adding a note a P4 above the fifth.

Example

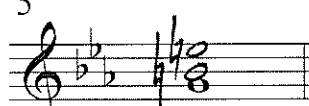


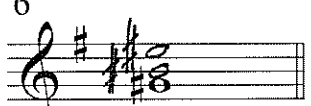
1  

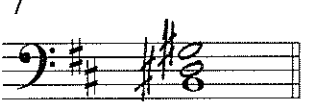

2  


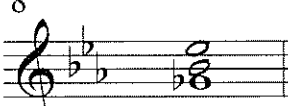
3  

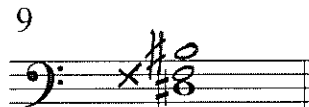

4  

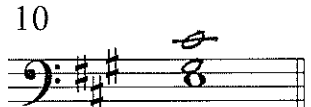

5  


6  


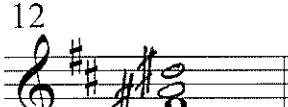
7  


8  


9  


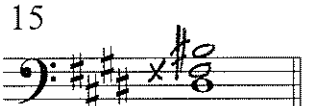
10  


11  


12  


13  


14  

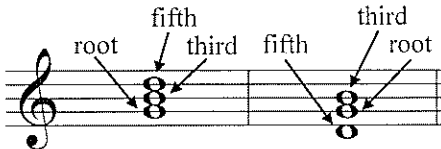

15  


16  


# Second-Inversion Triad Basics -

A triad in which the **fifth** is the lowest note is called a **second-inversion triad**. As shown in the example, a second-inversion triad is created by simply stacking the pitches of a root-position triad with the fifth in the bass.

Example



root position      second inversion

Answers in this exercise are limited to  
**diatonic close-position second-inversion minor triads.**

1. Create close-position second-inversion triads using the given notes as roots.

Draw (or imagine) the third and fifth above the given root to create a preparatory root-position minor triad. In the blank measure, draw the root and the third exactly as they appear in the preparatory minor triad. Complete the triad by drawing the fifth below the root (an octave lower than the preparatory fifth).

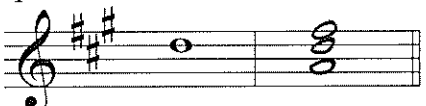
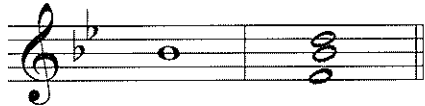
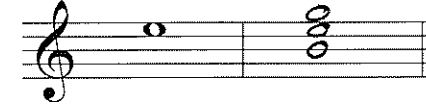
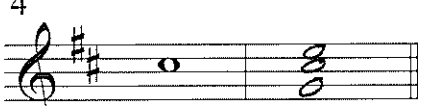
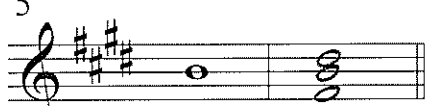
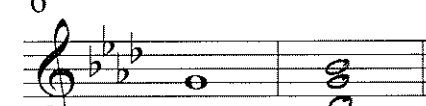
Example



Solution

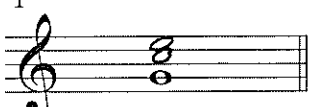
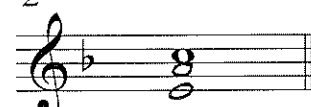
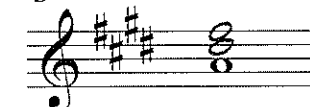
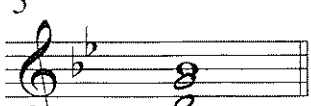
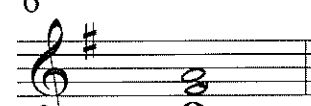
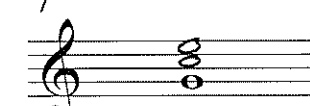


root position      second inversion

|                                                                                    |                                                                                     |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1                                                                                  | 2                                                                                   | 3                                                                                     |
|  |  |  |
| 4                                                                                  | 5                                                                                   | 6                                                                                     |
|  |  |  |

2. Triad position is indicated for each of the notes below.

Add notes to create close-position second-inversion minor triads.

|                                                                                    |                                                                                     |                                                                                      |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1                                                                                  | 2                                                                                   | 3                                                                                    | 4                                                                                     |
|  |  |  |  |
| 5                                                                                  | 6                                                                                   | 7                                                                                    | 8                                                                                     |
|  |  |  |  |

# Second-Inversion Triad Basics -

A triad in which the **fifth** is the lowest note is called a **second-inversion triad**. As shown in the example, a second-inversion triad is created by simply stacking the pitches of a root-position triad with the fifth in the bass.

Example



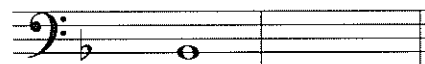
root position    second inversion

Answers in this exercise are limited to  
**diatonic close-position second-inversion triads.**

1. Create close-position second-inversion triads using the given notes as roots.

Draw (or imagine) the third and fifth above the given root to create a preparatory root-position triad. In the blank measure, draw the root and the third exactly as they appear in the preparatory triad. Complete the triad by drawing the fifth below the root (an octave lower than the preparatory fifth).

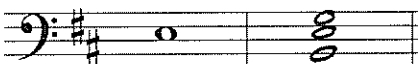
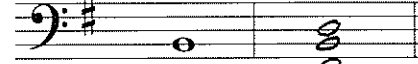
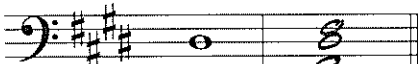
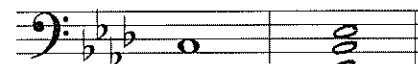
Example



Solution

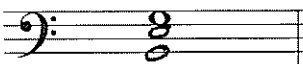
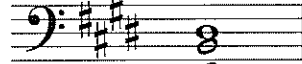
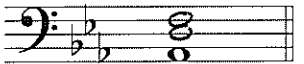
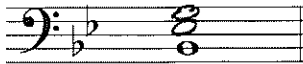
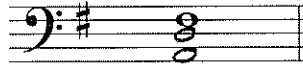
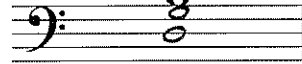
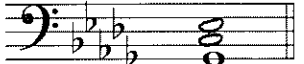


root position    second inversion

|                                                                                    |                                                                                     |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1                                                                                  | 2                                                                                   | 3                                                                                     |
|  |  |  |
| 4                                                                                  | 5                                                                                   | 6                                                                                     |
|  |  |  |

2. Triad position is indicated for each of the notes below.

Add notes to create close-position second-inversion triads.

|                                                                                    |                                                                                     |                                                                                      |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1                                                                                  | 2                                                                                   | 3                                                                                    | 4                                                                                     |
|  |  |  |  |
| third                                                                              | fifth                                                                               | third                                                                                | fifth                                                                                 |
| 5                                                                                  | 6                                                                                   | 7                                                                                    | 8                                                                                     |
|  |  |  |  |
| fifth                                                                              | third                                                                               | third                                                                                | fifth                                                                                 |

# Second-Inversion Triad Basics -

A triad in which the **fifth** is the lowest note is called a **second-inversion triad**. As shown in the example, a second-inversion triad is created by simply stacking the pitches of a root-position triad with the fifth in the bass.

Example



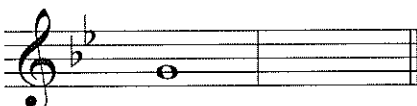
root position    second inversion

Answers in this exercise are limited to  
**diatonic close-position second-inversion minor**

1. Create close-position second-inversion minor triads using the given notes as roots.

Draw (or imagine) the third and fifth above the given root to create a preparatory root-position minor triad. In the blank measure, draw the root and the third exactly as they appear in the preparatory minor triad. Complete the triad by drawing the fifth below the root (an octave lower than the preparatory fifth).

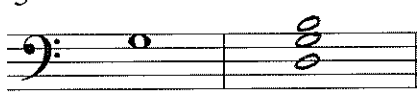
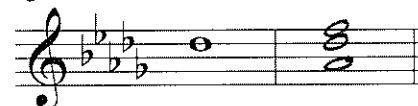
Example



Solution

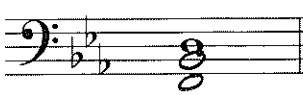
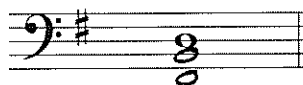
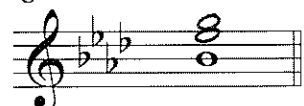


root position    second inversion

|                                                                                    |                                                                                     |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1                                                                                  | 2                                                                                   | 3                                                                                     |
|  |  |  |
| 4                                                                                  | 5                                                                                   | 6                                                                                     |
|  |  |  |

2. Triad position is indicated for each of the notes below.

Add notes to create close-position second-inversion minor triads.

|                                                                                    |                                                                                     |                                                                                      |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1                                                                                  | 2                                                                                   | 3                                                                                    | 4                                                                                     |
|  |  |  |  |
| third                                                                              | fifth                                                                               | third                                                                                | fifth                                                                                 |
| 5                                                                                  | 6                                                                                   | 7                                                                                    | 8                                                                                     |
|  |  |  |  |
| fifth                                                                              | third                                                                               | third                                                                                | fifth                                                                                 |

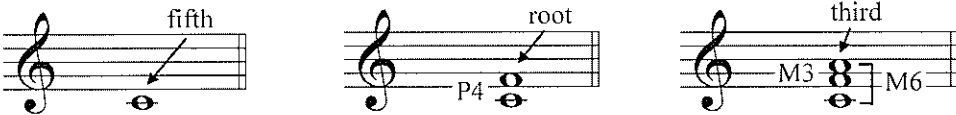
# Second-Inversion Major Triads -

Create close second-inversion major triads using the provided notes as fifths.

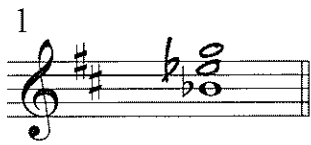
Create the root of the triad by adding a note a P4 above the fifth.

Create the third of the triad by adding a note a M3 above the root.

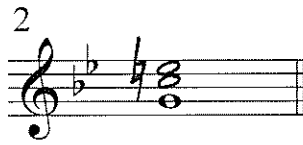
Example



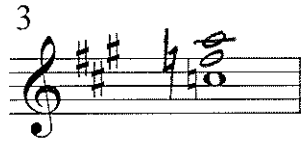
1



2



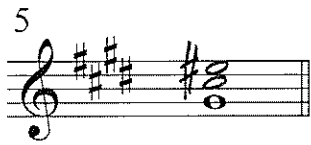
3



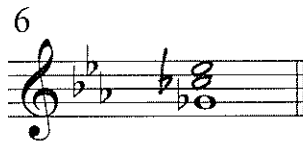
4



5



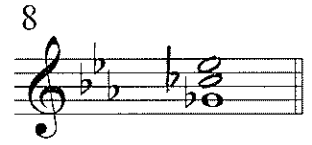
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7



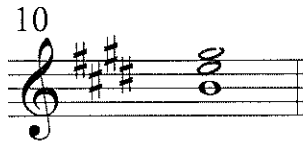
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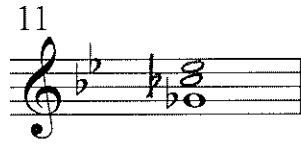
9



10



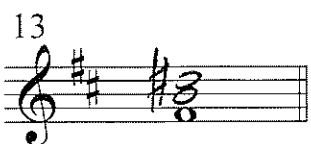
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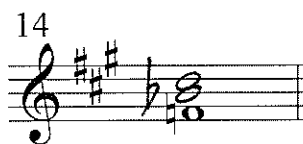
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13



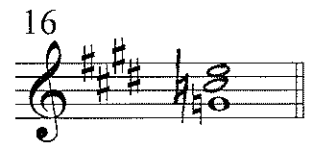
14



15



16



## Second Inversion Major Triads - $\text{bass clef}$

Create close second-inversion major triads using the provided notes as fifths.

Create the root of the triad by adding a note a P4 above the fifth.

Create the third of the triad by adding a note a M3 above the root.

Example

---

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

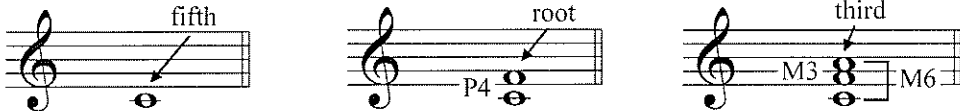
# Second-Inversion Major Triads -

Create close second-inversion major triads using the provided notes as fifths.

Create the root of the triad by adding a note a P4 above the fifth.

Create the third of the triad by adding a note a M3 above the root.

Example




---

1  


2  

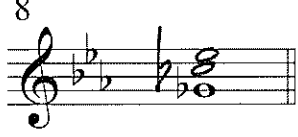

3  


4  


5  

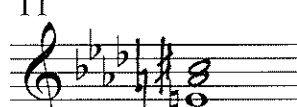

6  

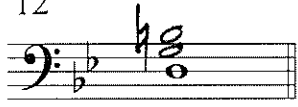

7  


8  


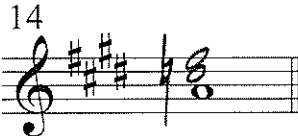
9  

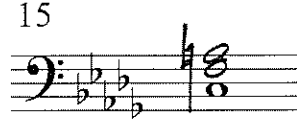

10  


11  


12  


13  


14  


15  


16  

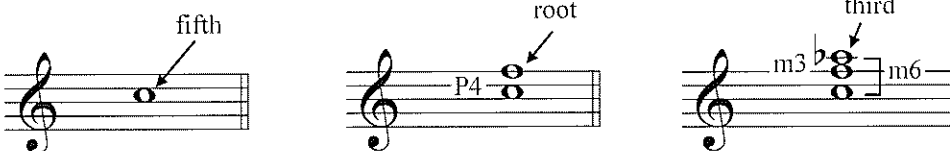
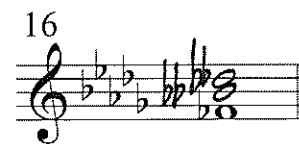
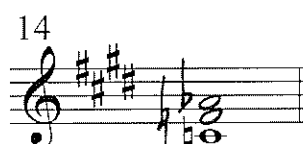
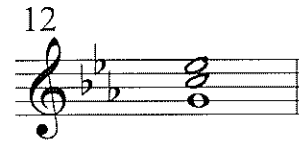
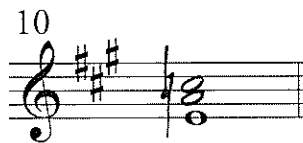
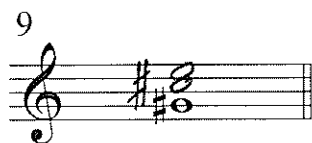
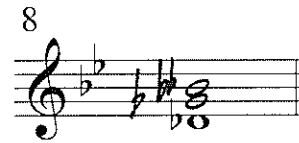
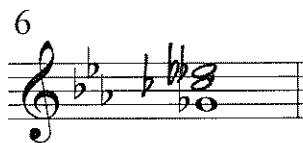
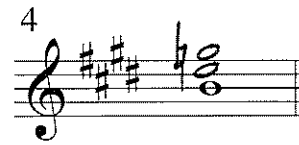
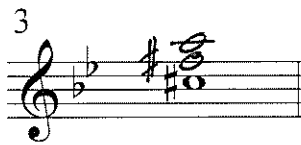
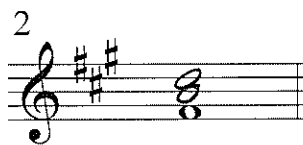
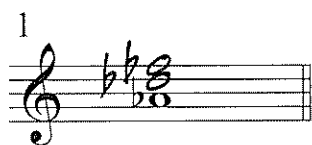

# Second-Inversion Minor Triads -

Create close second-inversion minor triads using the provided notes as fifths.

Create the root of the triad by adding a note a P4 above the fifth.

Create the third of the triad by adding a note a m3 above the root.

Example

## Second-Inversion Minor Triads - $\text{b}$ :

Create close second-inversion minor triads using the provided notes as fifths.

Create the root of the triad by adding a note a P4 above the fifth.

Create the third of the triad by adding a note a m3 above the root.

Example

|    |    |    |    |
|----|----|----|----|
| 1  | 2  | 3  | 4  |
|    |    |    |    |
| 5  | 6  | 7  | 8  |
|    |    |    |    |
| 9  | 10 | 11 | 12 |
|    |    |    |    |
| 13 | 14 | 15 | 16 |
|    |    |    |    |

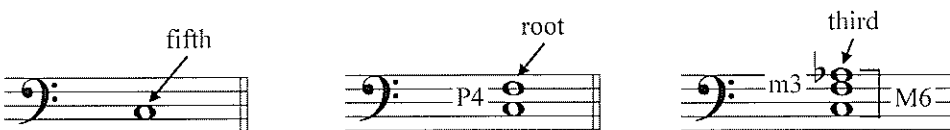
# Second-Inversion Minor Triads -

Create close second-inversion minor triads using the provided notes as fifths.

Create the root of the triad by adding a note a P4 above the fifth.

Create the third of the triad by adding a note a m3 above the root.

Example




---

12 exercises for creating second-inversion minor triads:

1. Bass clef, B-flat, G (fifth)
2. Treble clef, C, D, E (fifth)
3. Treble clef, C, D, E (fifth)
4. Bass clef, B-flat, G (fifth)
5. Treble clef, C, D, E (fifth)
6. Bass clef, B-flat, G (fifth)
7. Bass clef, C, D, E (fifth)
8. Bass clef, B-flat, G (fifth)
9. Bass clef, B-flat, G (fifth)
10. Treble clef, C, D, E (fifth)
11. Bass clef, C, D, E (fifth)
12. Treble clef, C, D, E (fifth)
13. Treble clef, B-flat, G (fifth)
14. Treble clef, C, D, E (fifth)
15. Bass clef, C, D, E (fifth)
16. Bass clef, B-flat, G (fifth)