# Primo Theory The Spiral Series 

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## Assignment 1

(1) Draw a treble clef at the beginning of the staff. Name the notes.

$\qquad$
$\qquad$
$\qquad$
(3) Place each note on the correct line or space.

space F
half note quarter note dotted half note
(2) Draw a bass clef at the beginning of the staff. Name the notes.

(4) Draw the rest indicated in each measure.

(5) Draw the correct number of counts each note or rest receives in 4 time.

$$
\begin{array}{lll}
d= & \mathbf{H}^{2} & d .= \\
d= & \mathbf{O}= & \$=
\end{array}
$$

(6) Write the top number of the time signature in each measure.

(7) Draw an $\mathbf{X}$ across each eighth note that has an incorrectly placed flag.

(8) A triad is a type of chord that has only three tones stacked in 3rds (skips).

Circle each group of notes that form a triad.

(9) From each key marked with a dot, draw a $\checkmark$ on the key a half step higher.

(10) From each key marked with a dot, draw a $\boldsymbol{\checkmark}$ on the key a whole step higher.

(11) Draw a $\checkmark$ on each key that is named.


Eb

Bb

(12) Identify the intervals (2nd, 3rd, 4th, 5th).

(13) Draw a sharp sign before each note.

(14) Draw a flat sign before each note.

(15) Complete the order of whole steps $(\mathbf{W})$ and half steps $(\mathbf{H})$ needed to form the major scale.
$\square$
$\qquad$
$\qquad$

$\qquad$

## Ear-Training

(16) Go to APPENDIX I, Assignment 1 (p. 18) and complete the ear-training assignment.

To access the web applications, go to:
PrimoTheory.com $\rightarrow$ Spiral Series $\rightarrow$ Level $4 \rightarrow$ Assignment 1
Or scan the QR code with a mobile device to go directly to the assignment page:


## Assignment 2

(1) Label the parts of the grand staff. Use the terms provided on the right.

(2) Write the counts of each measure under the notes and rests.

(3) Write the correct number of beats for each group of notes.

(4) Add a stem and flag to each note head.

(5) Draw an eighth rest.

(6) Identify the intervals (2nd, 3rd, 4th, 5th).

(7) From each key marked with a dot, draw a $\checkmark$ on the key a half step lower.

(8) From each key marked with a dot, draw a $\checkmark$ on the key a whole step lower.

(9) Draw a bass clef at the beginning of the staff. Draw the accidentals before each note.

| $\boldsymbol{\theta}$ | $\mathbf{\theta}$ | 0 |
| :--- | :--- | :--- | :--- |
| draw flats | draw sharps | draw natural signs |

(10) Write a $\checkmark$ on each key named.
C\#


E\#

Eb

$\mathbf{G} b$

Cb

(11) A triad is named according to the root (lowest note of the triad).

Name each major triad below. Example: E Maj.


## Ear-Training

(12) Go to APPENDIX I, Assignment 2 (p. 19) and complete the ear-training assignment.

To access the web applications, go to:
PrimoTheory.com $\rightarrow$ Spiral Series $\rightarrow$ Level $4 \rightarrow$ Assignment 2
Or scan the QR code with a mobile device to go directly to the assignment page:

## Assignment 3

(1) Draw a treble clef, bass clef, brace, and double bar line to complete the grand staff.

Draw a sharp sign before each note. Name the notes.

$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
(2) Draw the rest named below each measure.

(3) Write the correct number of beats for each group of notes and rests.

(4) Under each arrow, draw one NOTE to complete the measure. Check the time signature.

(5) Look at the time signature and draw bar lines where they should go.

Draw a double bar line at the end of the staff.

(6) Identify the intervals (2nd, 3rd, 4th, 5th).

(7) Draw a treble clef at the beginning of the staff. Name the notes.

(8) Draw a half note one half step UP from each given note.

Use sharp signs, flat signs, and natural signs where needed.

(9) The notes of the G Major scale are named below.

Print the whole step and half step pattern on the lines between the letters.
Write W (whole step) or $\mathbf{H}$ (half step).
G
A $\qquad$ B
__
C
__
D $\qquad$ E__F\# $\qquad$ G
(10) Circle the triad that appears in the musical example below.


## Ear-Training

(11) Go to APPENDIX I, Assignment 3 (p. 19) and complete the ear-training assignment.

To access the web applications, go to:
PrimoTheory.com $\rightarrow$ Spiral Series $\rightarrow$ Level $4 \rightarrow$ Assignment 3
Or scan the QR code with a mobile device to go directly to the assignment page:


## Assignment 4

(1) Draw a treble clef, bass clef, brace, and double bar line to complete the grand staff. Name the notes.

(2) Draw a whole note ABOVE each given note. The intervals are named are below.

(3) Draw an eighth note one half step DOWN from each given note.

Use sharp signs, flat signs, and natural signs where needed.

(4) Draw a half note one whole step UP from each given note.

Use sharp signs, flat signs, and natural signs where needed.

(5) Enharmonic notes are two notes that share the same pitch but are spelled differently. On the keyboard, find the key that is named, then complete each statement.

Bb can also be called $\qquad$ F\# can also be called
E can also be called $\qquad$ C can also be called
$\qquad$
$\qquad$
(6) Write the top number of the time signature in each measure.

(7) Under each arrow, draw one REST to complete the measure.

(8) On each staff below:
a) Add the sharps or flats needed to complete the major scale.
b) Draw a slur between the notes which are a half step apart.
c) Draw the tonic tone (keynote) in the last measure of each staff.

(9) Draw a line connecting each key signature to the correct key name.


## Ear-Training

(10) Go to APPENDIX I, Assignment 4 (p. 20) and complete the ear-training assignment. To access the web applications, go to:
PrimoTheory.com $\rightarrow$ Spiral Series $\rightarrow$ Level $4 \rightarrow$ Assignment 4
Or scan the QR code with a mobile device to go directly to the assignment page:


## Assignment 5

(1) Name the interval formed by each boxed pair of notes (2nd, 3rd, 4th, or 5th).

(2) The distance between each pair of notes is a half step or whole step. Write W (whole step) or $\mathbf{H}$ (half step).

(3) Draw a line connecting each group of notes to the correct time signature.

(4) Write the counts of each measure under the notes and rests.

(5) Circle the triads that appear in the musical example below.

(6) Circle the key signature in each musical example.

(7) On each staff below: a) Add the sharps or flats needed to complete the major scale.
b) Draw a slur between the notes which are a half step apart.
c) Draw the tonic tone (keynote) in the last measure of each staff.

(8) Draw a line connecting each dynamic sign (in the center) to the appropriate term in the left column and to the definition in the right column.


## Ear-Training

(9) Go to APPENDIX I, Assignment 5 (p. 20) and complete the ear-training assignment. To access the web applications, go to:
PrimoTheory.com $\rightarrow$ Spiral Series $\rightarrow$ Level $4 \rightarrow$ Assignment 5
Or scan the QR code with a mobile device to go directly to the assignment page:


## Assignment 6

(1) Draw a treble clef, bass clef, brace, and double bar line to complete the grand staff. Name the notes.

(2) Identify the intervals (2nd, 3rd, 4th, 5th).

$\qquad$
(3) The distance between each pair of notes is a half step or whole step.

Write W (whole step) or $\mathbf{H}$ (half step).

(4) A Perfect 5th is the interval of a 5 th which is seven half steps in length.

Write an ascending (going up) series of Perfect 5ths starting from C.

(5) Name each major triad below. Use abbreviations (example: C Maj).

(6) Draw the one NOTE that equals the total number of beats for each group of notes and rests.
(7) Under each arrow, draw one REST to complete the measure.

(8) Look at the time signature and draw bar lines where they should go.

Draw a double bar line at the end of the staff.

(9) On the staff below: a) Add the sharps or flats needed to complete the major scale.
b) Draw a slur between the notes which are a half step apart.
c) Draw the tonic tone (keynote) in the last measure of the staff.

(10) Name the major key for each key signature. Use abbreviations (example: C Maj).


## Ear-Training

(11) Go to APPENDIX I, Assignment 6 (p. 21) and complete the ear-training assignment. To access the web applications, go to:
PrimoTheory.com $\rightarrow$ Spiral Series $\rightarrow$ Level $4 \rightarrow$ Assignment 6
Or scan the QR code with a mobile device to go directly to the assignment page:


## Assignment 7

(1) Draw dotted half notes where indicated.

(2) Draw a whole note above or below each given note. Example: $\overline{\overline{\overline{\bar{\theta}}}}$
$\theta$


5th below ard above 2nd below th above 5th below th above
(3) Draw a treble clef at the beginning of the staff.

Draw an eighth note one whole step UP from each given note. Example:


Use accidentals if needed.

(4) Draw a bass clef at the beginning of the staff.

Draw a half note one half step DOWN from each given note. Example:
 Use accidentals if needed.

(5) Circle each triad that appears in the musical example below.

Write the name of each major triad under the triad. Use abbreviations (example: G Maj).

(6) Under each arrow, draw one NOTE to complete each measure.

(7) Under each arrow, draw one REST to complete each measure.

(8) A Perfect 5th is the interval of a 5th which is seven half steps in length. Write a descending (going down) series of Perfect 5ths starting from C .

(9) On each staff below: a) Add the sharps or flats needed to complete the major scale.
b) Draw a slur between the notes which are a half step apart.
c) Draw the tonic tone (keynote) in the last measure of each staff.


## Ear-Training

(10) Go to APPENDIX I, Assignment 7 (p. 21) and complete the ear-training assignment.

To access the web applications, go to:
PrimoTheory.com $\rightarrow$ Spiral Series $\rightarrow$ Level $4 \rightarrow$ Assignment 7
Or scan the QR code with a mobile device to go directly to the assignment page:


## Assignment 8

(1) Draw a treble clef, bass clef, brace, and double bar line to complete the grand staff. Name the notes.

(2) Identify the intervals (2nd, 3rd, 4th, 5th).

(3) The distance between each pair of notes is a half step or whole step. Write W (whole step) or $\mathbf{H}$ (half step).

(4) There are three pairs of tied notes. Write the number of counts each pair of tied notes gets.

(5) Write the top number of the time signature in each measure.

(6) Under each arrow, draw one REST to complete each measure.

(7) On each staff below: a) Draw seven more half notes to complete the one-octave major scale.
b) Add the sharps or flats as needed.
c) Draw a slur between the notes which are a half step apart.
d) Draw the tonic tone (keynote) in the last measure of each staff.

(8) Name the major keys for each key signature. Use abbreviations (example: C Maj).

(9) Write the ascending and descending series of Perfect 5ths starting from C .


## Ear-Training

(10) Go to APPENDIX I, Assignment 8 (p. 22) and complete the ear-training assignment. To access the web applications, go to:
PrimoTheory.com $\rightarrow$ Spiral Series $\rightarrow$ Level $4 \rightarrow$ Assignment 8
Or scan the QR code with a mobile device to go directly to the assignment page:


## APPENDIX I

## Ear-Training Assignments

The following assignments can be administered by the teacher, or the student can complete these assignments using the web applications provided.

Take the following route to access the menu for these web applications:
PrimoTheory.com $\rightarrow$ Spiral Series $\rightarrow$ Level 4

Or scan the QR code with a mobile device to go directly to the menu page:


## Note to Teachers

The answers to the ear-training assignments are accessible only to the purchaser of this book. Email info@primotheory.com to request the special link or PDF file.

## Assignment 1

(1) You will hear two triads in each set. One of them is a major triad.

Circle " 1 " if the first triad played is major. Circle " 2 " if the second triad played is major.

(2) You will hear four measures of rhythmic dictation. Fill in measures 2 and 4.

(3) For each group of notes, circle the example that matches what you hear.
A


B

C



Assignment 2
(1) You will hear two triads in each set. One of them is a major triad. Circle " $\mathbf{1}$ " if the first triad played is major. Circle " $\mathbf{2}$ " if the second triad played is major.

(2) You will hear four measures of rhythmic dictation. Fill in measures 2 and 4 .

(3) For each group of notes, circle the example that matches what you hear.

A


A


B


C


D


Assignment 3
(1) You will hear two triads in each set. One of them is a major triad. Circle " $\mathbf{1}$ " if the first triad played is major. Circle " $\mathbf{2}$ " if the second triad played is major.

(2) You will hear four measures of rhythmic dictation. Fill in measures 2 and 4.

(3) For each group of notes, circle the example that matches what you hear.


A


B


C


D


Assignment 4
(1) You will hear two triads in each set. One of them is a major triad.

Circle " $\mathbf{1}$ " if the first triad played is major. Circle " $\mathbf{2}$ " if the second triad played is major.

(2) You will hear four measures of rhythmic dictation. Fill in measures 2 and 4 .

(3) For each group of notes, circle the example that matches what you hear.

A


B


C


D


Assignment 5
(1) You will hear two triads in each set. One of them is a major triad. Circle " $\mathbf{1}$ " if the first triad played is major. Circle " $\mathbf{2}$ " if the second triad played is major.

(2) You will hear four measures of rhythmic dictation. Fill in measures 2 and 4 .

(3) For each group of notes, circle the example that matches what you hear.

A


B


C


D


Assignment 6
(1) You will hear two triads in each set. One of them is a major triad. Circle " $\mathbf{1}$ " if the first triad played is major. Circle " $\mathbf{2}$ " if the second triad played is major.

(2) You will hear four measures of rhythmic dictation. Fill in measures 2 and 4 .

(3) For each group of notes, circle the example that matches what you hear.

A


B


C


D


Assignment 7
(1) You will hear two triads in each set. One of them is a major triad. Circle " $\mathbf{1}$ " if the first triad played is major. Circle " $\mathbf{2}$ " if the second triad played is major.

(2) You will hear four measures of rhythmic dictation. Fill in measures 2 and 4 .

(3) For each group of notes, circle the example that matches what you hear.

A


B


B


C


C



D


Assignment 8
(1) You will hear two triads in each set. One of them is a major triad.

Circle " $\mathbf{1}$ " if the first triad played is major. Circle " $\mathbf{2}$ " if the second triad played is major.

(2) You will hear four measures of rhythmic dictation. Fill in measures 2 and 4.

(3) For each group of notes, circle the example that matches what you hear.

A


B


C


D


## APPENDIX II

Study Materials

## Note and Rest Values

The graphic below shows a hierarchy of note values. Each note or rest divides naturally into two equal parts called divisions.


A dot placed on the right side of a note or rest increases its value by half.
A dotted note or rest divides into three equal parts. Example: $\mathrm{d}_{\mathrm{L}}=\mathrm{d} \mathrm{d} \mathrm{d}$

## INTERVALS

An Interval is the distance between two tones.
2nd

The 2nd is the same as a STEP.

3rd

The 3rd is the same as a SKIP.


## 4th

The 4th can be measured as a skip + a step.

5th

The 5th can be measured as a skip + a skip.

played together


## Half Steps

On the keyboard, a half step is the distance from one key to the very next key.

white keys and black keys

white key to white key

## Whole Steps

A whole step is made up of two half steps.
On the keyboard, count two half steps from the starting note.

black to black

white to white

white and black keys

## ACCIDENTALS

Sharp signs and flat signs are called accidentals.
Sharp Sign A sharp sign before a note raises the pitch one half step.


Flat Sign ba flat sign before a note lowers the pitch one half step.

On the keyboard, a flatted note is played on the very next key to the LEFT.
On the keyboard, a sharped note is played on the very next key to the RIGHT.

Db


Natural Sign A natural sign is used to cancel a sharp or flat sign.
On the keyboard, a natural sign will usually indicate a white key.

Db


## The Major Scale

The major scale is a series of eight successive tones arranged in the following ascending order of whole steps (W) and half steps (H):

## W W H W W W H

These intervals are the distance between the scale tones.
The tone that begins the scale is called the tonic or keynote.
The tonic tone names the scale.


The half steps in the major scale occur between scale tones 3-4 and 7-8.
These half steps are marked with slurs on the staff shown above.

## Key Signatures

A key signature is the group of sharps or flats placed to the right of the clef sign on a staff.
Sometimes a key signature will have only one sharp or one flat.
Sometimes a key signature will have no sharps or flats.
A key signature identifies the key in which a piece is written.

## Naming Major Sharp Key Signatures

From the last sharp, go up a half step to find the name of the major key.

G\# up to A


The sharp key signatures used in this volume:


The key signature for
C Major has no sharps or flats.


The key signature for
F Major has one flat.


# APPENDIX III 

## Writing Practice

## The Treble Clef

To draw the Treble Clef, follow these steps:

## The Bass Clef

To draw the Bass Clef, follow these steps:
line 4

and close the loop.
umbrella and meet the dot,
loop up around the

$$
\boldsymbol{I}
$$

Drawing sharp signs for line notes.


## Flat Sign b

Drawing flat signs for space notes.
Drawing flat signs for line notes.


## Natural Sign

Drawing natural signs for space notes.
Drawing natural signs for line notes.

| $\overline{=0}$ | $L 70$ | 40 |
| :--- | :--- | :--- | :--- |



## NOTES AND RESTS

## Stem Placement

When the stem goes up, it is placed on the right side of the note head.

When the stem goes down, it is placed on the left side of the note head.


correct
wrong

## Stem Direction

Notes below the middle line have up stems.
Notes above the middle line have down stems.


Stems of notes on the 3rd line can go up or down.


## Stem Length

The stem should extend three more lines or spaces from the note head:


## Dotted Half Notes

For space notes, place the dot on the same space as the note and always to the right of the note head.


For line notes, place the dot on the next space higher than the note, regardless of stem direction.


## Drawing Flags

The flag is always placed on the right side of the stem.


## Drawing Rests

Take care to place the rests on the correct lines of the staff.


## DEFINITIONS

| accidental | A sharp sign, flat sign, or natural sign |
| :---: | :---: |
| bar line | Divides the staff into measures |
| beam | Used to connect eighth notes |
| brace | Curved bracket used to connect two staves |
| double bar line | Indicates the end of a piece |
| chord | Three or more tones sounding together Scan for online $_{\text {armen }}$ |
| chromatic sign | Same meaning as accidental $\quad \begin{aligned} & \text { Scan for online } \\ & \text { flashcard sets }\end{aligned}$ |
| crescendo | Growing louder; cresc. |
| da capo (D.C.) | Repeat from the beginning |
| dal segno (D.S.) | Repeat from the point marked by a sign, usually $\%$ |
| decrescendo | Growing softer; decresc. |
| diminuendo | Growing softer; dim. |
| enharmonic notes | Notes which use more than one spelling for the same pitch |
| flat sign | Lowers a pitch by a half step |
| forte | Loud |
| fortissimo | Very loud |
| half step | The distance from one key to the very next key on the keyboard |
| harmonic interval | Two tones played at the same time |
| interval | The distance in pitch between two tones |
| key signature | The arrangement of sharps or flats after the clef sign |
| keynote | The first pitch (degree) of a scale; tonic |
| legato | Play in a smooth and connected manner |
| major scale | Eight notes made up of the following half and whole step pattern: W-W-H-W-W-W-H |
| major triad | A triad which has four half steps (major 3rd) between the bottom and middle tone, and three half steps (minor 3rd) between the middle and top tone |
| melodic interval | Two tones played one at a time |
| mezzo forte | Moderately loud |
| mezzo piano | Moderately soft |
| natural sign | Cancels a sharp or flat |
| octave | An interval of twelve half steps between two tones of the same letter name |
| order of sharps | The order in which sharps appear in a key signature |
| ornament | A note or notes added to metered notes of music, embellishing the music |
| pentachord | A scale of five tones |
| pianissimo | Very soft |
| piano | Soft |
| pitch | The degree of highness or lowness of a tone |
| scale | A sequence of stepping tones |
| second | A step |
| sharp sign | Raises a pitch by a half step |
| slur | A curved line connecting notes of different pitches |
| staccato | Detached; not connected |
| tempo | The speed, or pace, of a piece of music |
| third | An interval of two steps; a skip |
| time signature | Two numbers placed on top of the other: The top number tells how many beats in a measure The bottom number tells the kind of note that gets one beat |
| tonic | The first note of a scale, scale degree one; keynote |
| tie | A curved line connecting two notes of the same pitch |
| triad | A three note chord, built of thirds |
| whole step | An interval spanning two half steps (Ex. C to D) |

