

# Music Fundamentals (Review of Book 1)

## **Note Values**

Note values and their rests indicate the duration of sound.

These durations are counted with a steady beat, creating RHYTHM.

Draw each note or rest in the boxes provided.

Notes		Rests
whole note 4 beats "1-2-3-4"	o	whole rest silence for any whole measure
dotted half note 3 beats "1-2-3"	<b>d</b> .	Note: This would apply for $\{ 1, 3, 1, 2, 4, 6 \}$ or any other time signature.
half note 2 beats "1-2"	0	half rest 2 beats of silence
quarter note 1 beat "1"		quarter rest 1 beat of silence
eighth note 1/2 beat		eighth rest 1/2 beat of silence (presented on p. 64)
two eighth notes = 1 quarter note "1 and"	and	

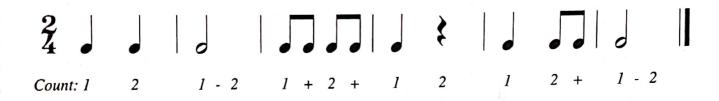
## **Time Signatures**

The two numbers written at the beginning of a piece of music show the time signature.

Ex.

- 3—The top number indicates the number of beats per measure.
- 4—The bottom number represents the kind of note receiving one beat.

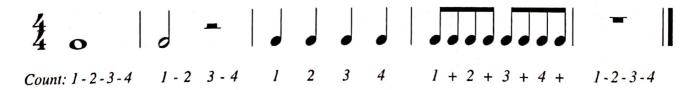
  The 4 = quarter =  $\frac{1}{2}$
- 1. Tap (or clap) this  $\frac{2}{4}$  rhythm, counting aloud. Then choose any key and play, using finger 3. (+ = "and")



2. Tap (or clap) this  $\frac{3}{4}$  rhythm, counting aloud. Then choose any key and play, using finger 3.



3. Tap (or clap) this 4 rhythm, counting aloud. Then choose any key and play, using finger 3.



## **Dynamic Marks**

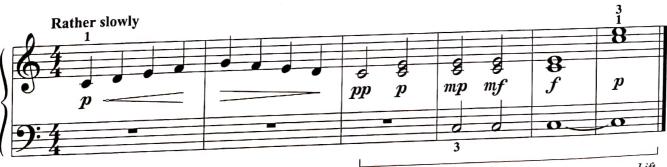
The word dynamics comes from the Greek word for "power." In music, dynamics means the "louds and softs" of the sound.

Choose any key on the piano and play it at each of these dynamic marks. Listen to the change in sound.

Symbol	Term	Definition	Pronunciation	
pp	pianissimo	very soft	"pyah-NEES-see-moh"	
p	piano	soft	"PYAH-noh"	
mp	mezzo piano	moderately soft	"MET-tsoh PYAH-noh"	
mf	mezzo forte	moderately loud	"MET-tsoh FOR-tay"	
f	forte	loud	"FOR-tay"	
ff	fortissimo	very loud	"for-TEES-see-moh"	
a viente de la company				
	crescendo (cresc.)	diminuendo (dim.) or decrescendo (decresc.)		
Play gradually louder.		Play gradually softer.		

Play, observing the dynamic marks.

# **Dynamic Study**



Depress the damper (right foot) pedal.

Lift.

## **Musical Form**

Musical form is the overall structure of a piece.

#### Binary Form or A B Form

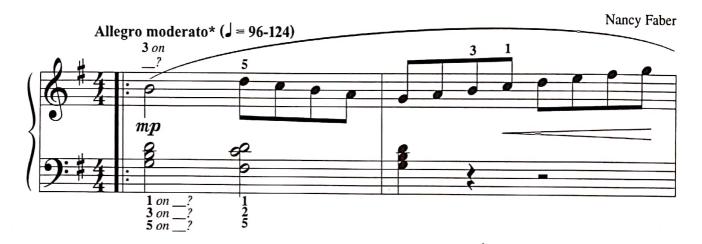
"Binary" means two parts. Two-part form has an A section followed by a B section. In binary form, each section usually has a repeat sign.

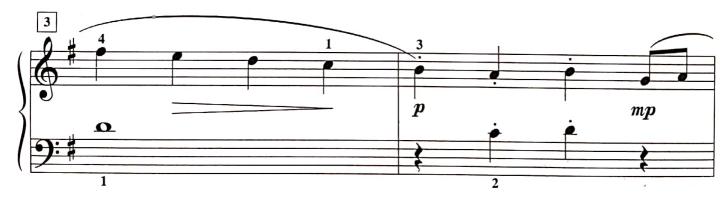
||: A :|||: B :||

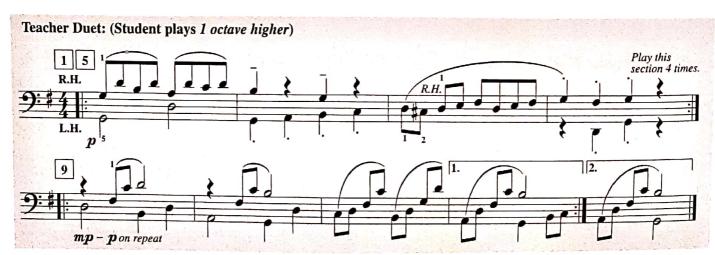
Point out these sections in the music below.

#### A SECTION

#### Allegro Moderato Review Piece

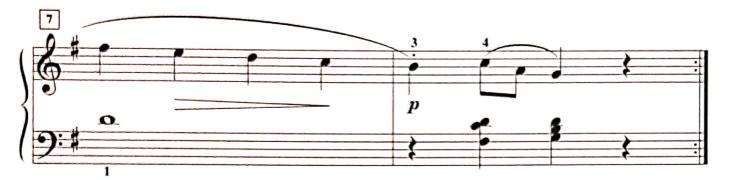






<sup>\*</sup>Allegro moderato-moderately fast





#### **B SECTION**







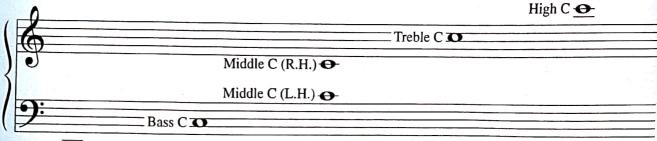
Review: Transposition means playing the same music in a different key. The note names change, but the *intervals* stay the same. Transpose Allegro Moderato to the Key of C Major.



# Ledger Lines

A ledger line is a short line added above or below the staff for notes that are too high or too low to be written on the staff.

LOW C is located 2 ledger lines below the bass clef staff. HIGH C is located 2 ledger lines above the treble clef staff.



Low C O

Play each C shown above, saying its correct name.

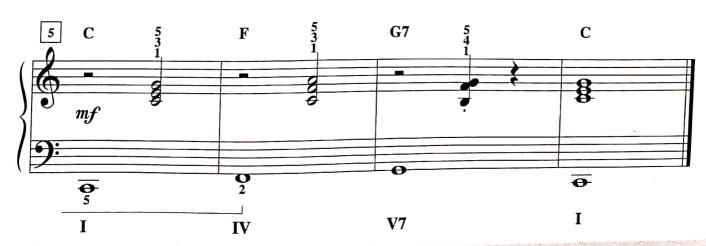
Review: From one C to the next C is the interval of an octave (8 notes).

#### **Technique Hint**

■ Measures 1—4: Play with an open hand and extended fingers to comfortably play the octaves.

## Octave Warm-up







Transpose Octave Warm-up to the Key of G Major.

PPPPPPPP

#### Dynamic Mark Review

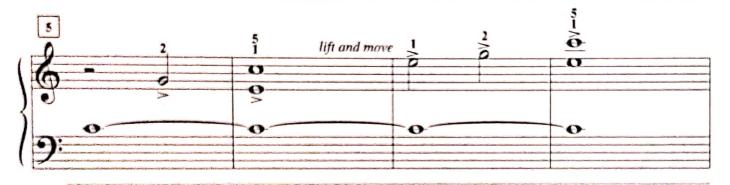
#### pp - pianissimo

Pianissimo means very soft, softer than piano (p).

## Cathedral Chimes

#### Quickly, joyously











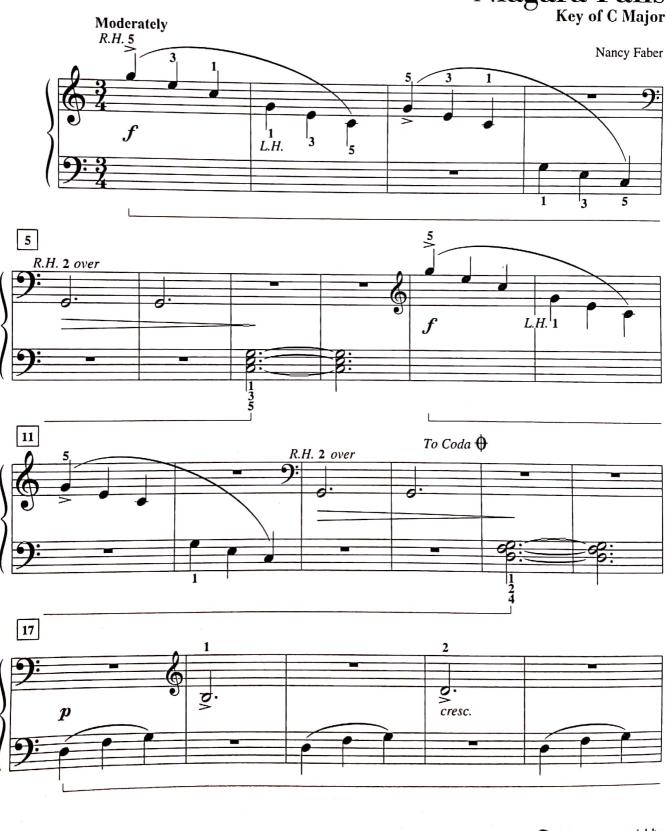
Which two lines of music use only notes of the C major chord?

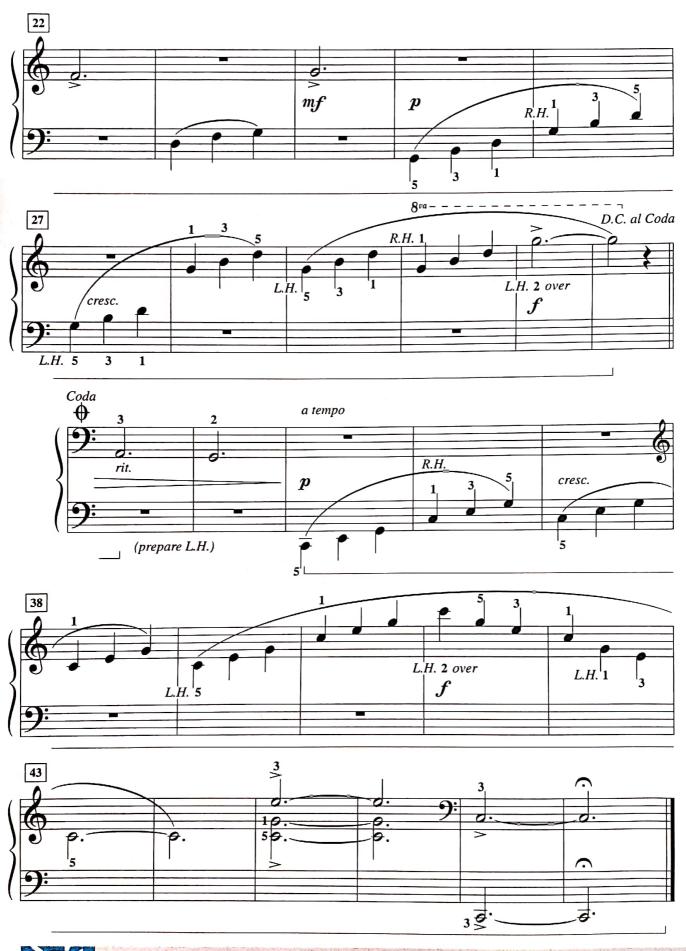
## D.C. al Coda

Da Capo al Coda means "from the top to the Coda." Return to the beginning and play to  $\oplus$ , then jump to the Coda (ending).

## Niagara Falls

PREFERENCE PROPERTY P







Find 8 consecutive measures that use only notes of the G major chord.

## **Connected Pedaling**

Connected pedaling will make the music sound legato (connected).

1. Say these words aloud as you practice this foot motion.

Up Down Hold it, Up Down Hold it, Up Down Hold it,

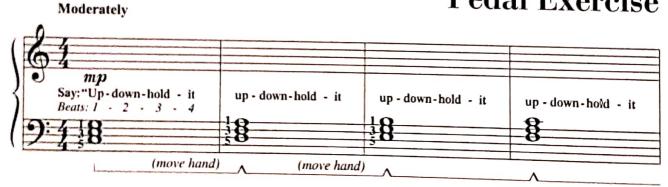
The pedal mark A indicates exactly the same foot motion practiced above.
 Lift the damper pedal on the beat, then depress it again after the keys are played.

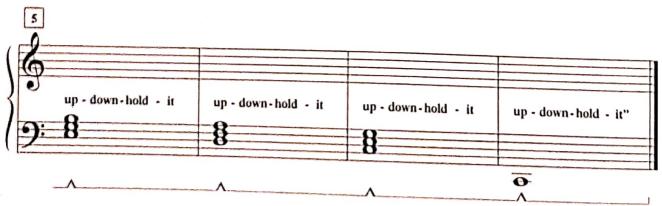
(Up) Down Hold it, Up Down Hold it, Up Down Hold it,

#### **Pedal Hints**

- Say the words aloud as you play. Notice that the pedal is depressed AFTER the chord is struck.
- Prepare the next chord during beats 3 and 4.
- Listen carefully for a smooth, connected sound.

## **Pedal Exercise**







Play Pedal Exercise hands together, (R.H. plays the same chord 1 octave higher.)

The bugle call Taps as we know it today had its origins on a battlefield of the Civil War. After the Union suffered extensive casualties in a battle near Richmond, Virginia, Colonel Daniel Butterfield reflected with sadness upon the men he had lost. Reportedly, he hummed a melody that his aide transcribed. The company bugler played it that night to signal "lights out," and other brigades quickly adopted it. Officially recognized by the United States Army in 1874, it is performed to this day whenever a service member is buried with military honors.

## **Practice Suggestions**

- First practice without pedal, concentrating on the L.H. position changes.
- Then play with pedal. Observe all the dynamic marks for an expressive sound.

Taps
(for L.H. alone)

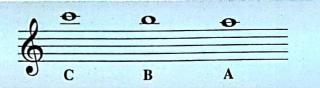




On which beat does this piece begin?

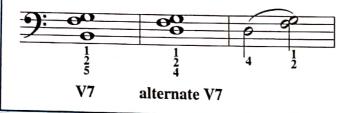
## **New Ledger Line Notes**

Play these notes on the keyboard.



#### Alternate V7 Chord in Close Position

Instead of B, D can be the lowest note of a 3-note V7 chord. (The full, 4-note V7 includes  $G-B-D\circ F$ .)



## 'O Sole Mio!

Key of \_\_\_\_ Major

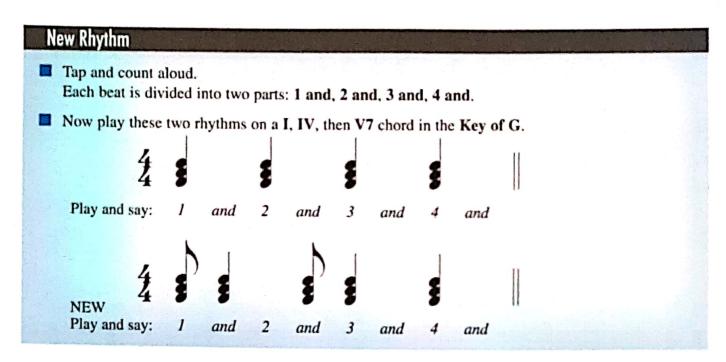
Eduardo di Capua (1864–1917, Italy) arranged



\*Andante-walking speed



Unit 2: Ledger Lines



## **Yellow Bird**



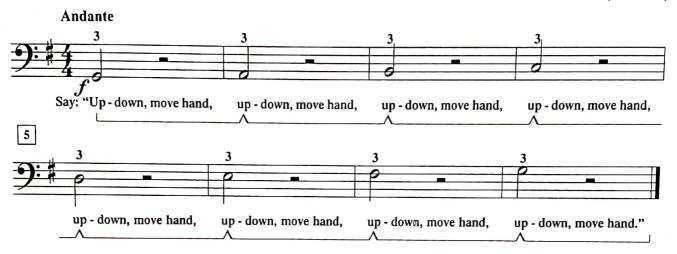


#### **Pedal Hints**

- Always keep your heel on the floor.
- The UP motion of the pedal occurs as the key is struck. The pedal goes DOWN immediately after the note is played.
- Use the half rests to prepare L.H. finger 3 over the next key.

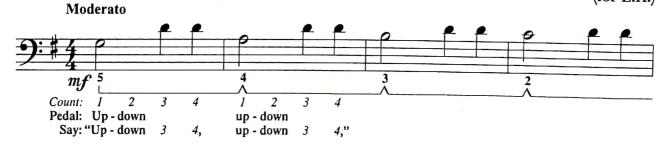
# Pedaling the Scale

(for L.H.)



Now repeat the exercise hands together (R.H. plays 2 octaves higher).

#### **Pedaling Intervals** (for L.H.)





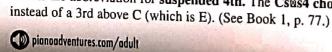
Transpose *Pedaling Intervals* to the **Key of C Major**.

PERFERER

#### **Technique Hints**

- Drop with arm weight into the **Low C** ledger notes. Then lift from the wrist to prepare the upcoming chord.
- Play the chords close to the keys, with wrists relaxed.





In popular music, the term "lead" refers to the melody.

A lead sheet consists of a melody with chord symbols shown above the staff. The chord symbols indicate the harmony to be played with your left hand (or guitar, autoharp, etc.).

- First, play the melody alone with pedal.
- Then add blocked chords on beat 1 of each measure, as indicated by the chord symbols. (See next page.)

Note: Where no chord symbol is shown, repeat the chord of the previous measure. (No chord is needed for the opening upbeat.)

## Brahms' Lullaby

Key of C Major **Lead Sheet** 

Johannes Brahms



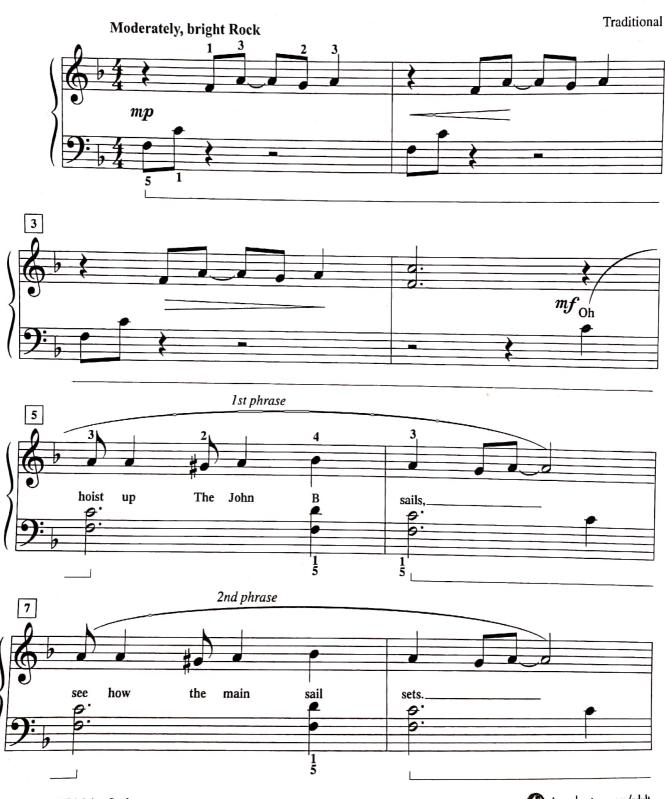
## Phrase

A **phrase** is a musical idea, often indicated by a long slur called a *phrase mark*.

Phrase marks show where a singer might breathe. A pianist may "breathe with the wrist" by lifting gently at the end of each phrase.

## Sloop John B

Key of \_\_\_\_ Major





#### **Motive**

a short musical idea

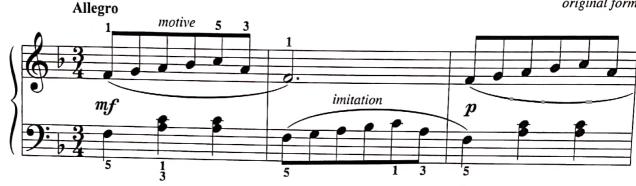
#### **Imitation**

the immediate repetition of a musical idea in a different "voice" (in the other hand or in a different octave)

# Allegro in F Major

■ In this piece, a R.H. motive is *imitated* by the L.H.

Ferdinand Beyer (1803-1863, Germany) original form

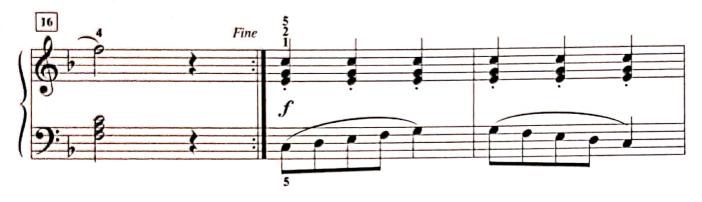




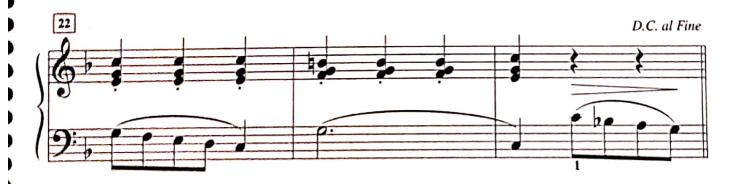














Write I, IV, or V7 below the bass staff for measures 1-16.

## **Swing Rhythm**

In many jazz and blues pieces, 8th notes are played in a *long-short* pattern known as swing rhythm. Whenever the tempo mark includes the word "swing," play the 8th notes in swing rhythm.

Practice tapping the 8th notes below in "swing." (Teacher Note:  $\square = \vec{J} \cdot \vec{b}$ )



## The Lion Sleeps Tonight

Words and Music by George David Weiss, Hugo Peretti, Luigi Creatore, and Solomon Linda.



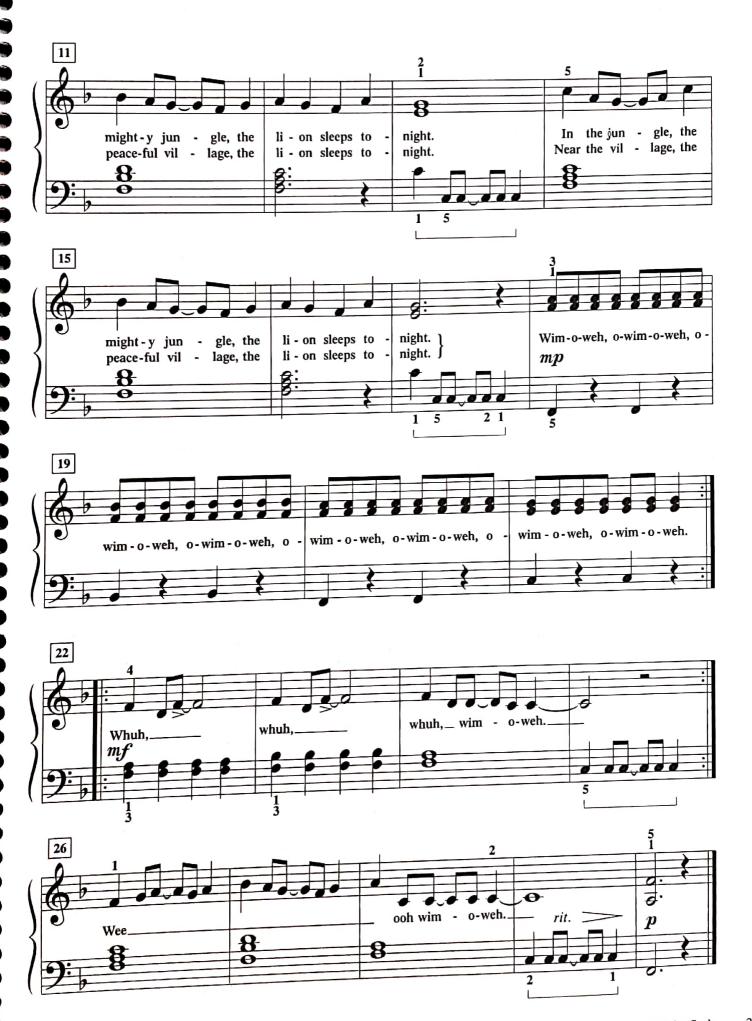
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#### F Major Scale Hints

Both thumbs play on C.

- First practice s-l-o-w-l-y, concentrating on fingering and dynamics.
- Use firm fingertips for even 8th notes and control of each < and >.

## Scale Etude in F

(Op. 101)

Ferdinand Beyer









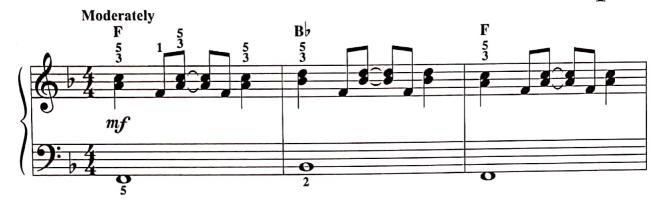
Optional: Play Scale Etude in F using swing rhythm.

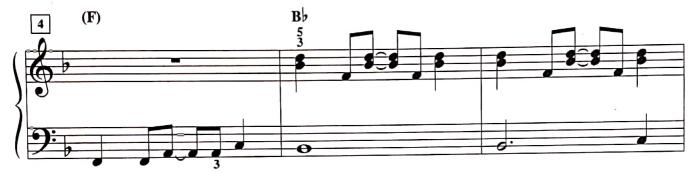
#### Rotation

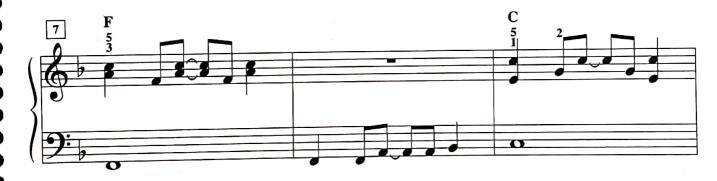
With your R.H., make the motion of turning a key in a lock. At the piano, this back-and-forth rocking motion is called **rotation**.

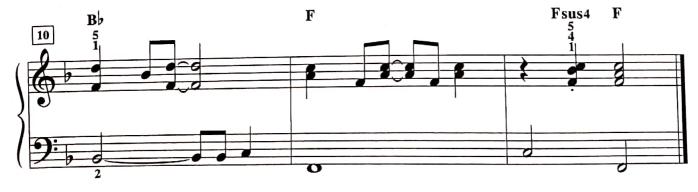
- Practice the R.H. alone using rotation.
- Then play hands together.

## **Chord Caper**









The Londonderry Air is a 17th-century Irish folk melody. It has been put to song with countless dyrics, including the highly popular Danny Boy, penned in 1913. The plaintive melody, often played on bagpipes, has been heard at the memorial service of John F. Kennedy and at ceremonies honoring heroic police officers and firefighters.

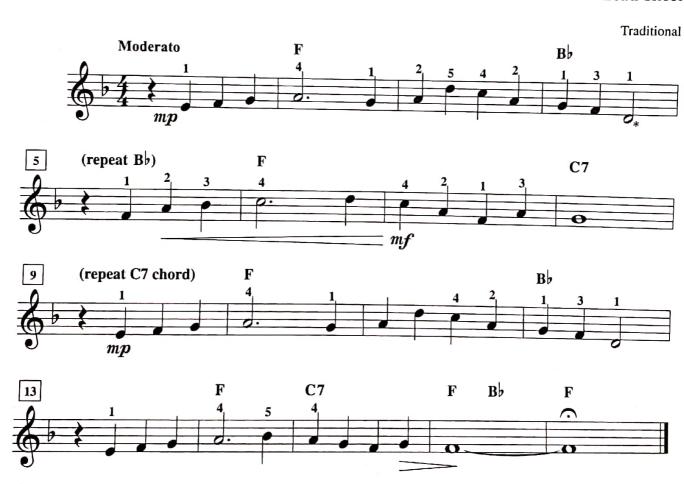
#### **Directions**

- First play the melody alone, carefully observing the fingering.
- Then add L.H. **blocked chords** on *beat 1* of each measure, as indicated by the chord symbols. (See next page.)

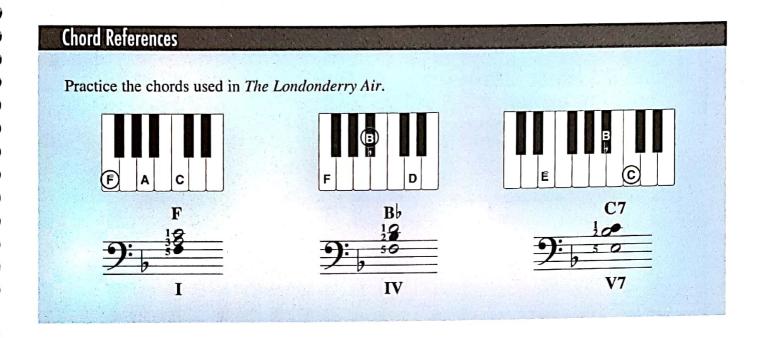
Notice there is no chord on the opening upbeats.

## The Londonderry Air

Key of F Major Lead Sheet



\*Release the L.H. thumb (of the Bb chord) for the melody note D.

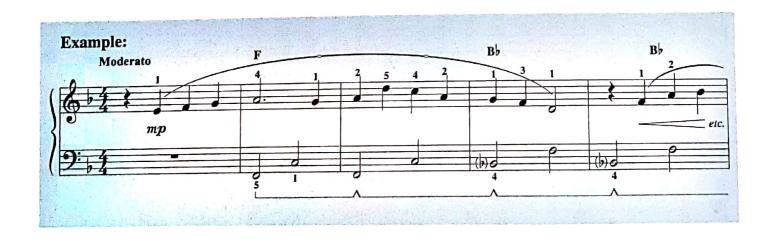


## **Broken-5th Accompaniment**

When you can comfortably play the melody for *The Londonderry Air* with **blocked chords**, practice the melody with this L.H. accompaniment pattern.

Note: Begin each accompaniment pattern after the opening upbeats (EFG). Play with pedal.





# **Major and Minor Triads**

## Major and Minor 3rds

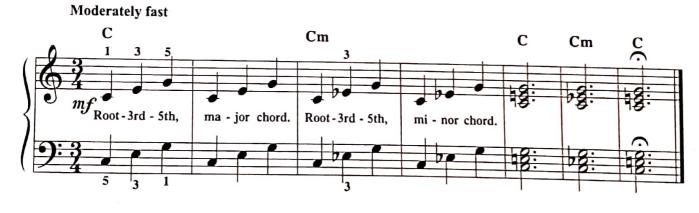
- Find and play these major 3rds:
  - D, up a major 3rd to \_\_\_\_\_?
  - F, up a major 3rd to \_\_\_\_?
- Find and play these minor 3rds:
  - G, up a minor 3rd to \_\_\_\_\_?
  - E, up a minor 3rd to \_\_\_\_\_?

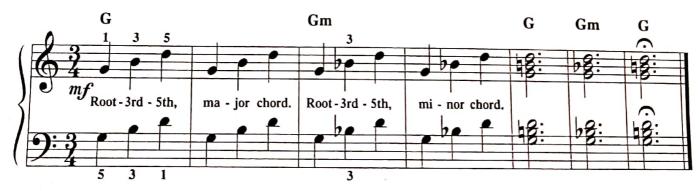
Review: A triad is a 3-note chord built in 3rds.

A major triad has a M3 between the root and 3rd.

A minor triad has a m3 between the root and 3rd.

## **Major and Minor Triads**







\*Compare the black/white patterns of D, A, E and Db, Ab, Eb chords.

The malagueña is a colorful Spanish folk dance in rapid triple time.

Originating in the provinces of Málaga and Murcia, it is often accompanied by guitars and castanets.

Write the letter name of each triad in the box given. Be sure to indicate minor with a lowercase m.

# Malagueña





Unit 4: Major and Minor Triads

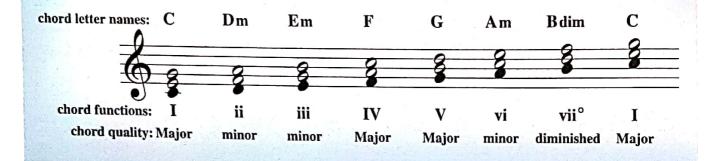
## Triads on the C Major Scale

Primary chords: In a major key, the I, IV, and V chords are major triads.

Secondary chords: In a major key, the ii, iii, and vi chords are minor triads.

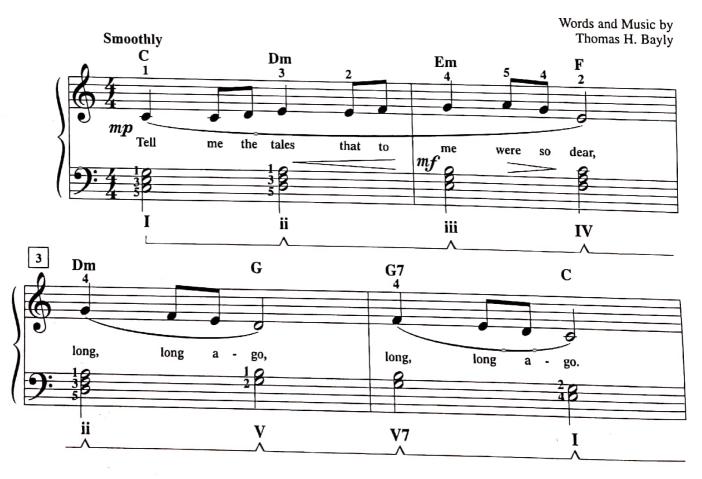
Play the triads below and listen to the *major* and *minor* sounds.

Note: The vii chord is neither major nor minor. It is diminished—comprised of two minor 3rds. (Diminished chords are indicated by a superscript °)



# Long, Long Ago

Key of \_\_\_\_ Major





Unit 4: Major and Minor Triads

This Civil War song, long popular with barbershop quartets and college glee clubs, had been set to new lyrics as the West Point class song Army Blues, and much later as the Elvis Presley hit Love Me Tender.

#### **Directions**

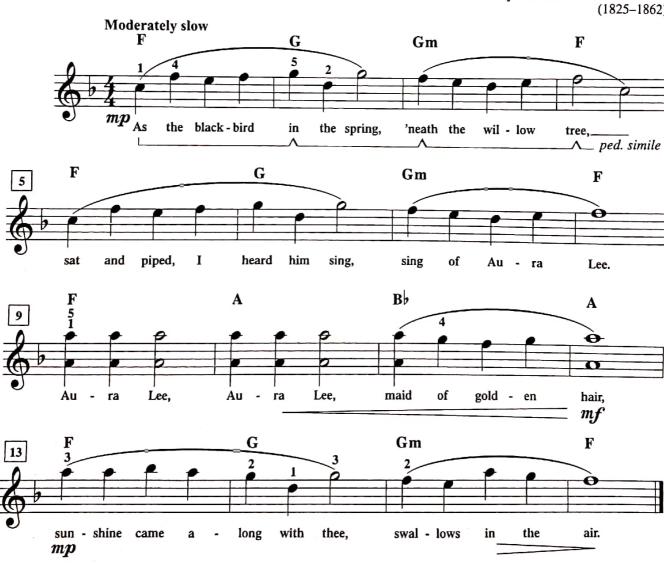
- First, play the melody with pedal. At measures 9–11, the melody is shown in octaves. Keep your wrist relaxed and flexible.
- Then add L.H. **root position** chords on *beat 1* of each measure. (A chord reference is provided on the next page.)

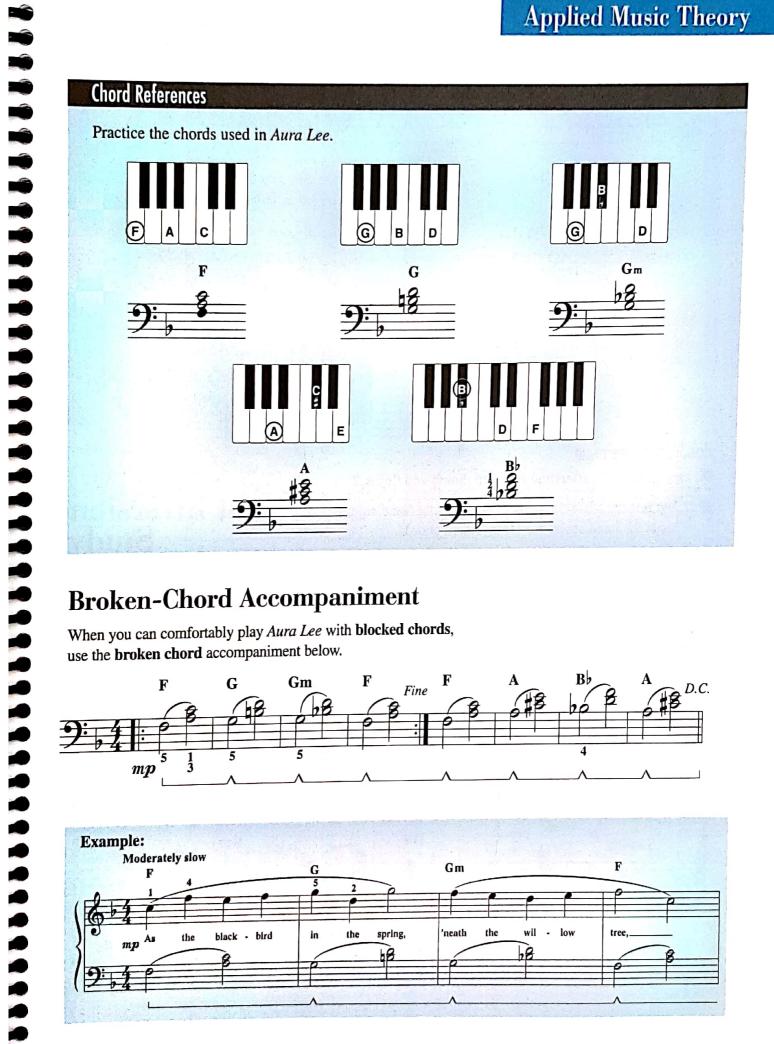
### Aura Lee

Key of F Major Lead Sheet

Music by George R. Poulton (1825 - 1867)

Words by William Whiteman Fosdick (1825 - 1862)

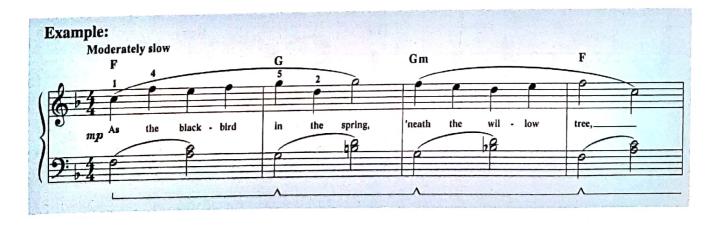




### **Broken-Chord Accompaniment**

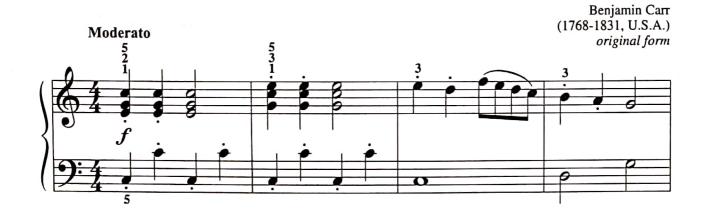
When you can comfortably play Aura Lee with blocked chords, use the broken chord accompaniment below.





A gavotte is a French dance from the 17th century. It is danced at a moderate tempo in 4 time.

### Gavotte











Name the R.H. chord inversions used in measures 1-2.

Originating as plantation work songs, African-American spirituals typically express hope in God and freedom from the burdens of slavery. The inspiration for Swing Low, Sweet Chariot may have come from an earlier source: an ancient African legend of a good king who was carried to heaven in a golden chariot.

# Swing Low, Sweet Chariot







Find two places where the L.H. plays the melody. What are the dynamic marks for each?

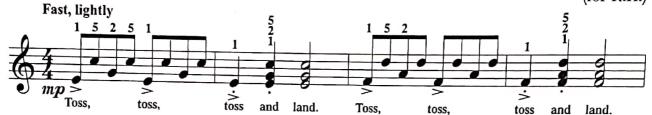
#### Technique Hint

Toss your R.H. thumb into each accented note.

Review: This back-and-forth tossing (rocking) motion is called rotation. Keep fingers 5 and 2 close to the keys.

### 1st Inversion Toss

(for R.H.)





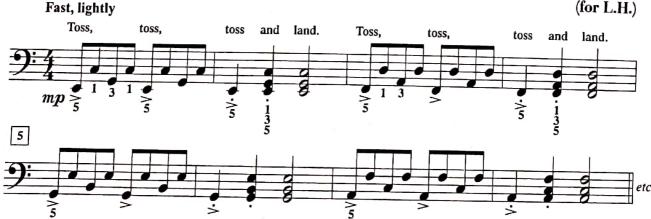
Continue this 1st inversion pattern beginning on B, C, D, and E.

#### **Technique Hint**

Toss L.H. finger 5 into each accented note using rotation. Keep fingers 1 and 3 close to the keys.

# **1st Inversion Toss**

(for L.H.)

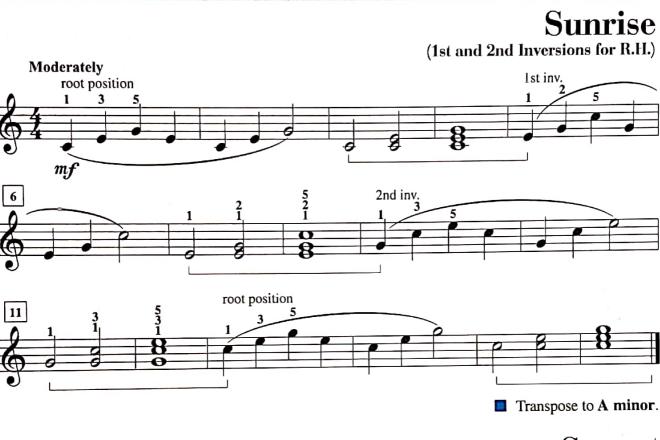


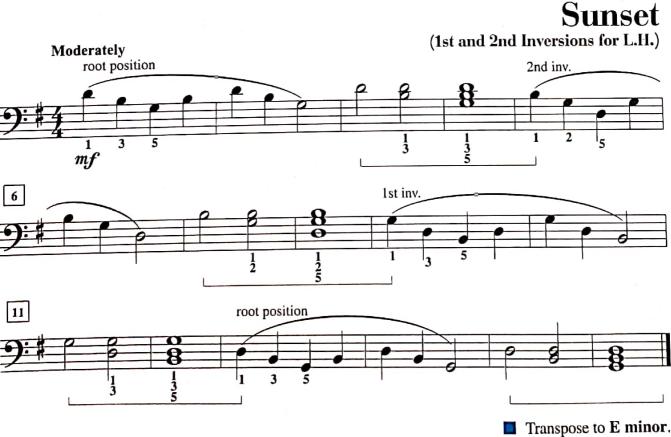
Continue this 1st inversion pattern beginning on B, C, D, and E.

#### Hand Shape Review

pianoodventures.com/adult

To play inversions, the hand opens by extending between the thumb and finger 2. Fingers 2-3-4-5 stay together.





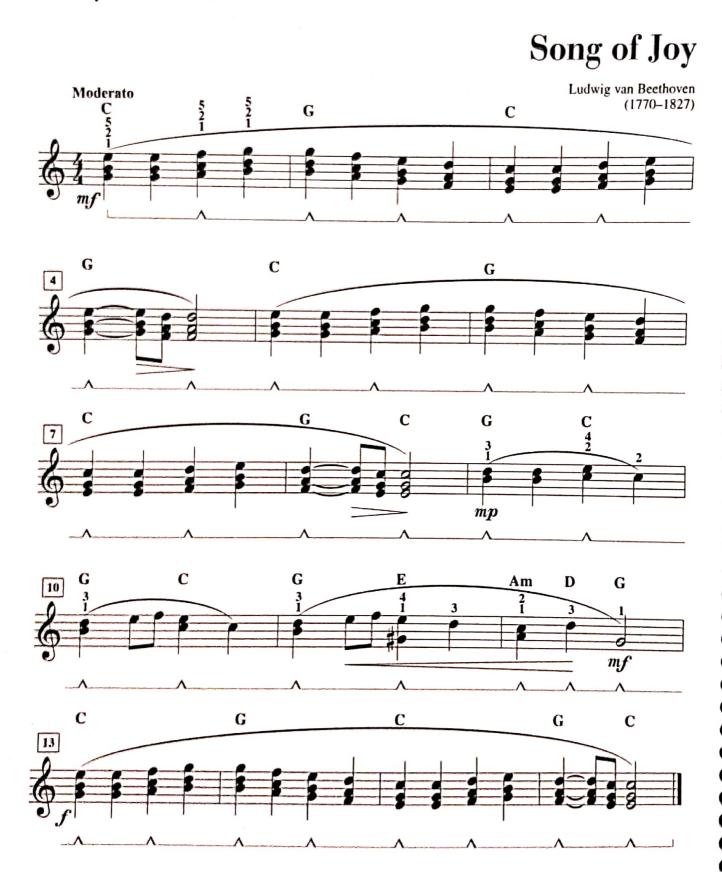
Unit 5: Triad Inversions

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### **Applied Music Theory**

In this lead sheet the melody is the top note of the 1st inversion chords.

Practice the R.H. alone. Keep fingers 1-2-5 in a set, molded position with your wrist relaxed.



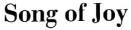
#### **Accompanying with Chord Roots**

Playing only the root of each chord can be a simple and effective L.H. accompaniment. This is similar to the bass guitar part in a pop, rock, or jazz ensemble.

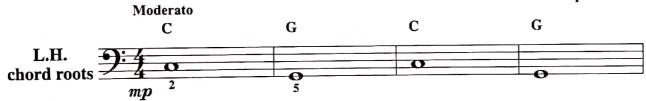
#### **Directions**

Harmonize Song of Joy with your L.H., playing only the root of each chord.

- First, practice the **L.H. accompaniment** as shown below. (You might enjoy *singing* the melody while you play only the L.H. bass.)
- When ready, play the R.H. as written (p. 62) while your L.H. accompanies using **chord roots**. (Follow the chord symbols shown above the melody.)

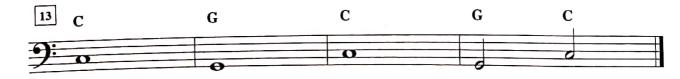


**Left-Hand Accompaniment** 







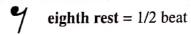


# **Eighth Rest**





eighth note = 1/2 beat



Tap this rhythm as you count aloud, "1 and 2 and 3 and 4 and." Tap at three tempi: slow, medium, then fast.











TEPPEREPPEREPPER

Count: 1 (+) 2 (+) 3 (+) 4 (+) 1 + 2 + 3 (+) 4 (+)

Practice the R.H. alone for *measures 5* and 6 at a **slow**, **medium**, then **fast** tempo.

# **Coffee House Boogie**









### **Syncopation**

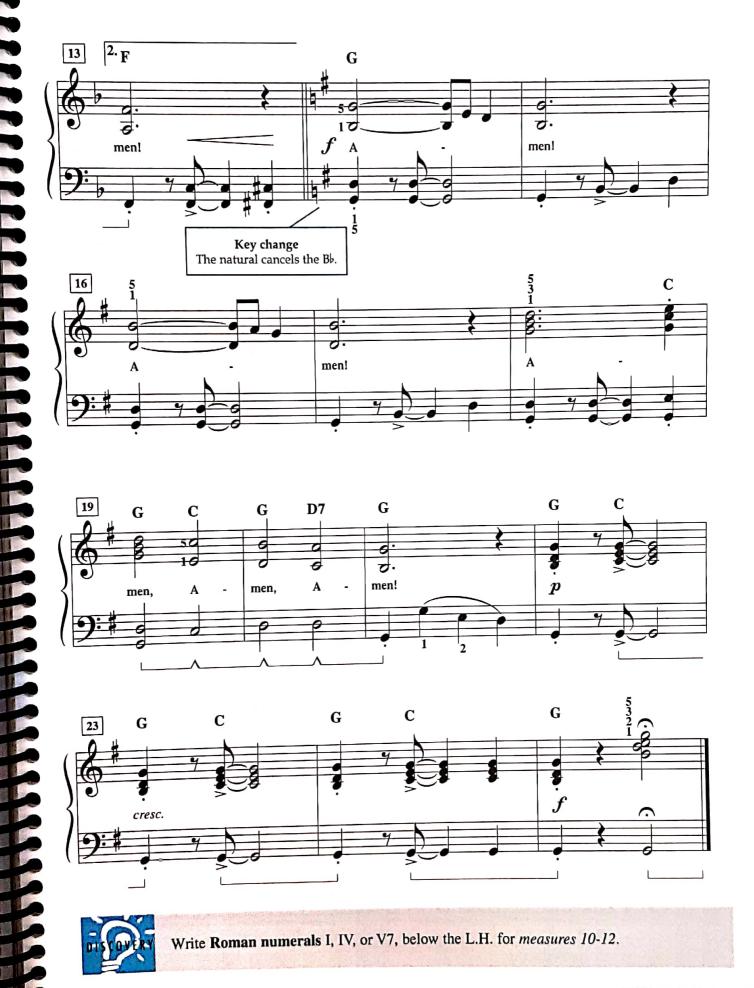
Syncopation occurs when notes are accented BETWEEN the beats instead of ON the beat.

### **Amen**

Notice the syncopation that occurs in *measure 1* and repeats throughout.

Key of \_\_\_\_ Major

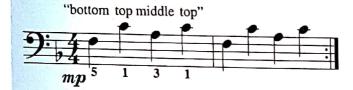




### The Alberti Bass

The Alberti bass is a L.H. broken chord pattern named after the Italian composer Domenico Alberti.

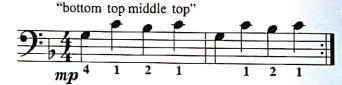
- 1. In the Key of F, play a blocked I chord (F) with your L.H. Then play the notes separately in this order, saying aloud:
- 2. Play a blocked IV chord (Bb) with your L.H. Then play the Alberti bass example below.



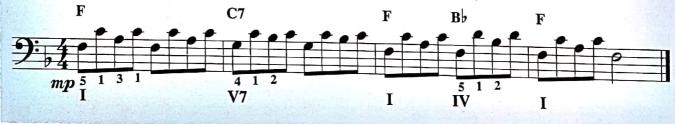


- 3. Play a blocked V7 chord (C7) with your L.H. Then play the Alberti bass example below.
- 4. Play the Alberti bass example below using the alternate **V7 chord** (C7).





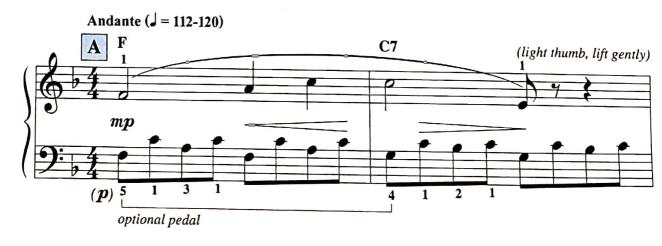
5. Now play the Alberti bass using I, IV, and V7 chords. (Use rotation.)



Before playing, scan the music and observe the musical form.

# **Looking Glass River**

Key of \_\_\_\_ Major





Unit 6: Eighth Rest

### 3-Minute Technique

- First, play the L.H. alone until the Alberti bass feels comfortable. Rotate to the first note of each grouping.
- Then, play hands together at an andante tempo.

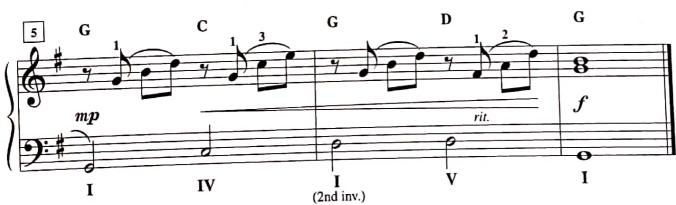


#### **Scale Hints**

- Play each scale with a rounded, cupped hand and firm fingertips.
- Play the thumb *lightly* as it passes under (to prevent an accent).

# **Eighth-Rest Study**





Transpose Eighth-Rest Study to the **Key of F Major**. Hint: Remember the R.H. scale fingering for F major: 1 - 2 - 3 - 4 - 1 - 2 - 3 - 4.

The song Shenandoah probably had its origins among the working rivermen in early America. The song celebrates the Shenandoah River, named after the Indian chief Shenandoah.

#### **Directions**

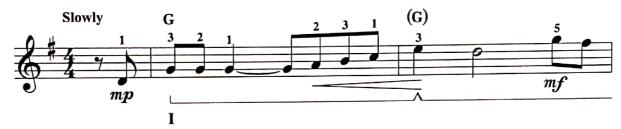
- First, play the melody alone with pedal.
- Then add L.H. **blocked chords** on *beat 1* of each measure, as indicated by the chord symbols.

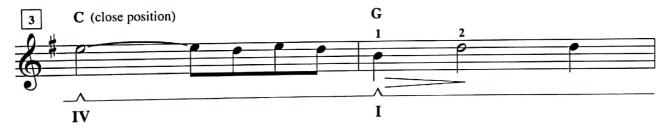
Use root position chords, except for the IV chord (C) and V7 chord (D7), which may be played in close position.

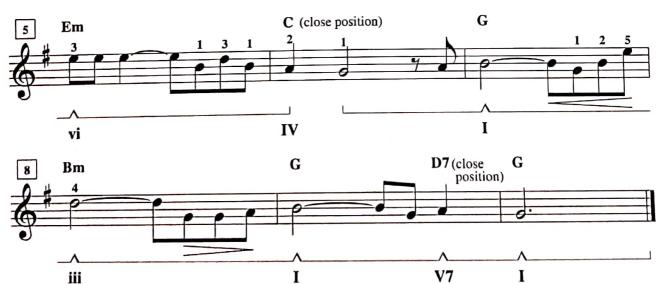
### Shenandoah

Key of G Major Lead Sheet

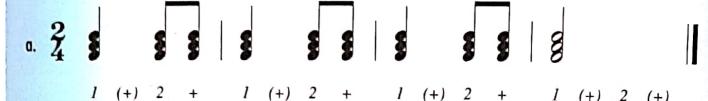
Traditional



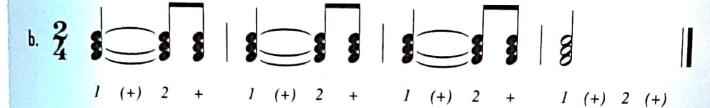




- Tap or clap the rhythms below, counting aloud.
- Repeat, playing on an F major chord. (Play hands alone, or hands together.)



Now tie the first eighth note. Feel the tied note on beat 2.



Below, a dot replaces the tied eighth note used in the example above. *Feel* the dot on beat 2! Rhythms b and c should sound exactly the same.



# Deck the Keys with Dotted Quarters

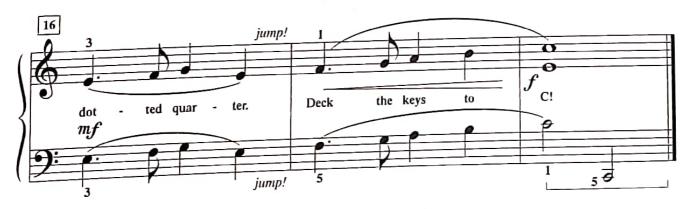


1111111111111111111











Transpose measures 1-8 to the Key of G. Hint: Remember the F# (leading tone) when crossing the R.H. over in measure 4 and measure 8.

This African spiritual has become a campfire favorite.

Kum ba yah translates to "come by here."

### Kum Ba Yah

Key of \_\_\_\_ Major

Traditional





Write Roman numerals in the boxes for the chord symbols shown. The first five measures have been done for you.

The Russian composer Rimsky-Korsakov penned this theme for his orchestral work *Scheherazade*. The composer took his inspiration from an exotic tale of a young woman named Scheherazade, as told in *The Arabian Nights*.

#### Arpeggiated (rolled) chord

Play the notes quickly, from bottom to top. Use a slight upward motion of the wrist.



# Theme from Scheherazade

Key of \_\_\_\_ Major



Unit 7: Dotted Quarter Note

pianoadventures.com/adult



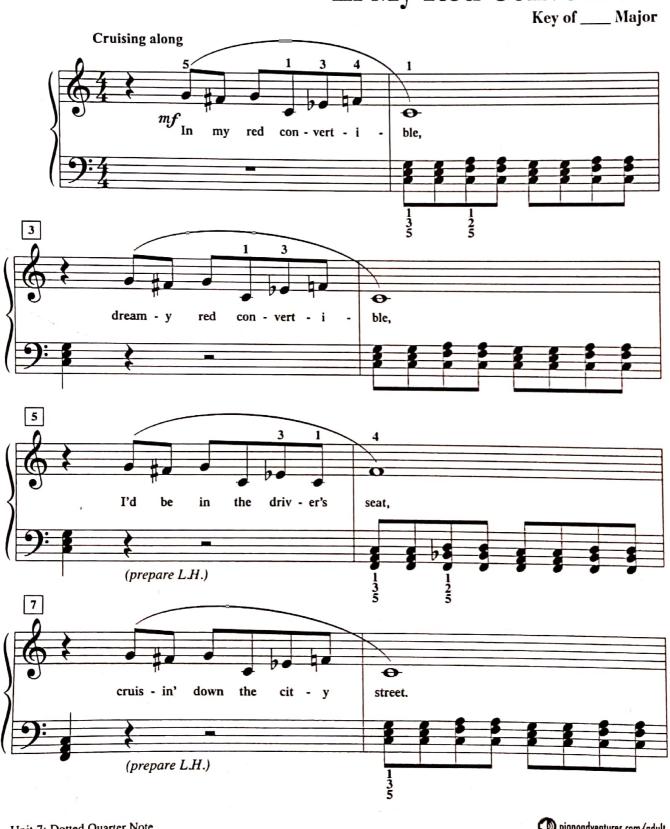


The form of this piece is A A<sup>1</sup> Coda. Label each section in your music.

#### **Practice Suggestions**

- Practice the L.H. alone until you can play the chord changes easily.
- Next, mark the first R.H. slur as Pattern I. Mark the other identical patterns.
- Now play with a steady groove.

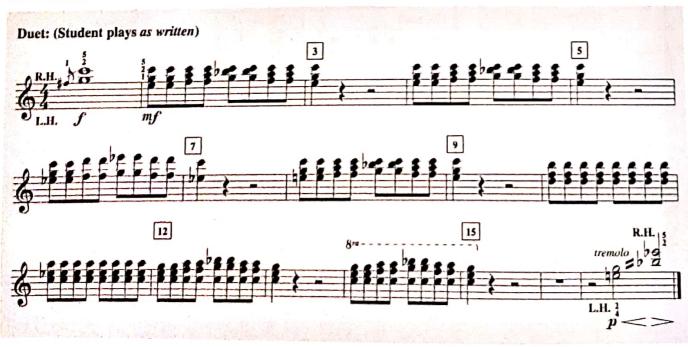
### In My Red Convertible







Can you play this song at a slow tempo using swing rhythm?

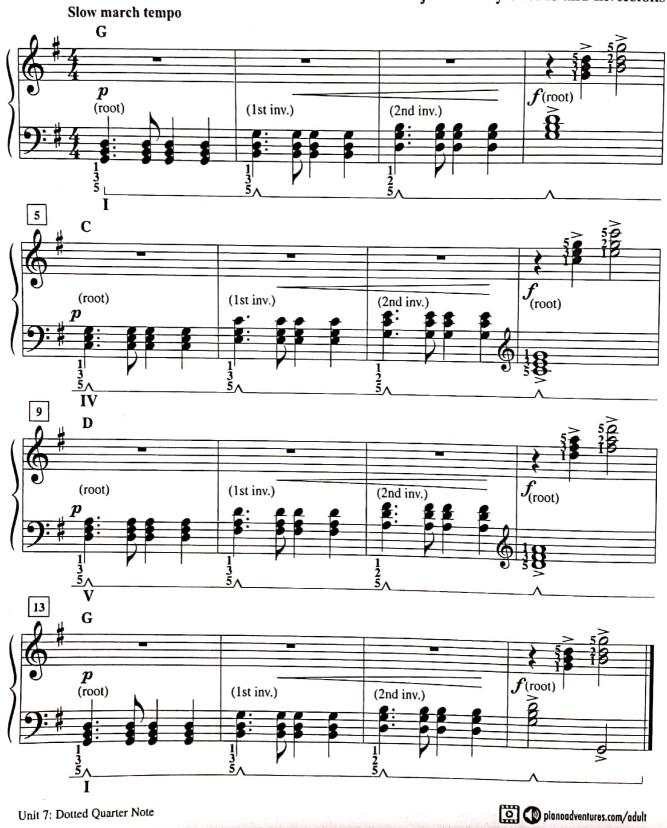


#### L.H. Technique Hint

Use a quick "up-motion" on beat 4 to carry the hand to the next inversion.

# **Dotted-Quarter March**

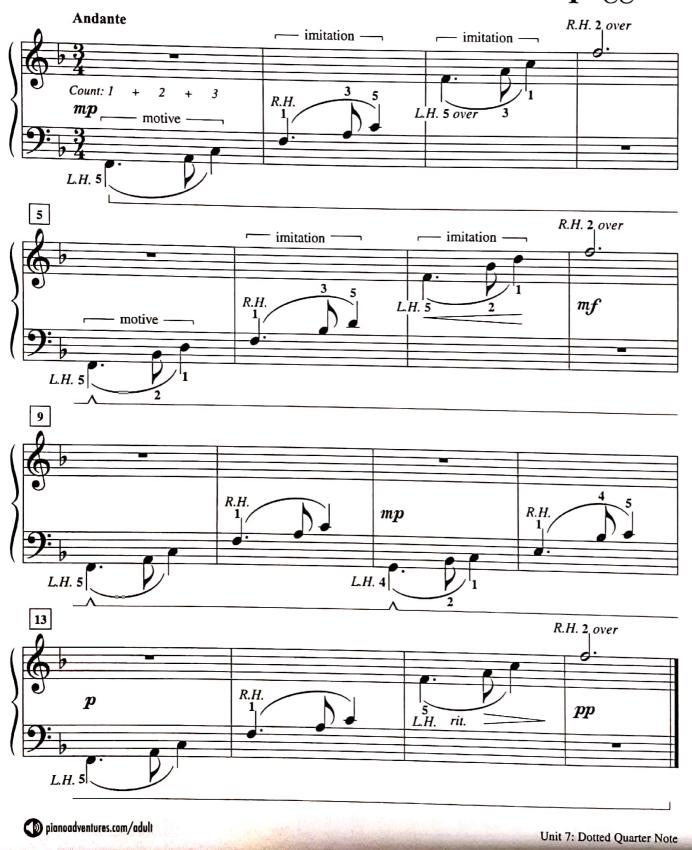
G Major Primary Chords and Inversions



#### **Technique Hint**

Think of each measure as one smooth gesture of the hand, rather than separate, individual notes.

# **Dotted-Quarter Arpeggios**



### **Applied Music Theory**

Literally translated as "old long since," Auld Lang Syne continues to conclude many a New Year's Eve gathering. The song has Scottish origins, with similar words dating to 1711. A number of melodies had been paired with the text, until Robert Burns published A Select Collection of Original Scottish Airs, which established the current version of the song in 1798.

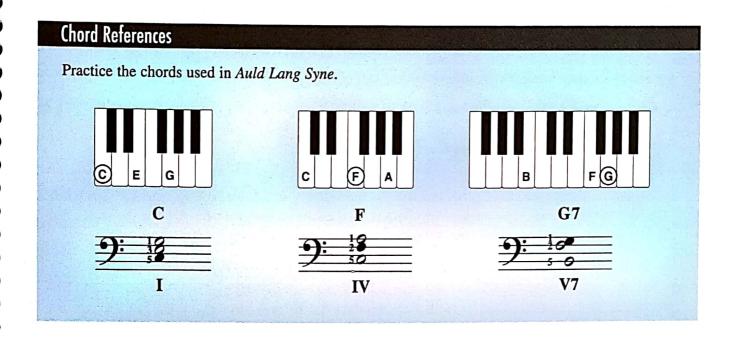
#### **Directions**

- First play the melody alone with pedal.
- Then add L.H. blocked chords on beat 1 of each measure, as indicated by the chord symbols. (See next page.)

# **Auld Lang Syne**

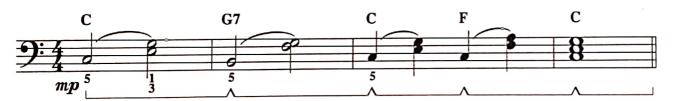
Key of C Major Lead Sheet

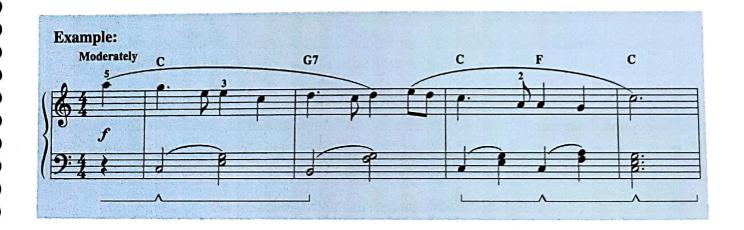




### **Broken-Chord Accompaniment**

When you can comfortably play *Auld Lang Syne* using **blocked chords**, practice accompanying the melody using **broken chords**.





# Theory of Minor Scales

A piece in a minor key may sound mysterious, sad, or dark.

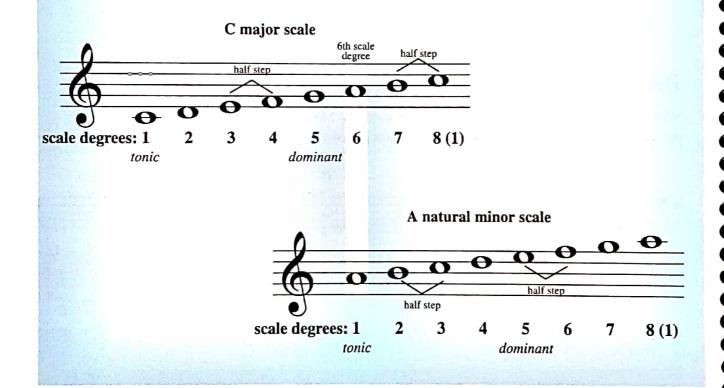
A piece in a major key generally has a brighter quality.

### **Relative Minor Key**

Every major key also has a minor key that shares the same key signature.

This minor key is called the relative minor because it is related by key signature.

To find the relative minor scale, start on scale degree 6 of the major scale.



#### Playing and Listening

- Play the C major scale above and listen to the sound.

  The major scale has half steps between scale degrees 3-4 and 7-8.
- Now play the A natural minor scale (the relative minor scale). Listen to the difference in sound. The natural minor scale has half steps between scale degrees 2-3 and 5-6.

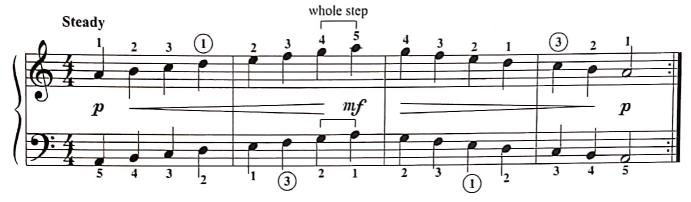
Notice that the natural minor scale uses only notes from the relative major scale.

# **Key of A Minor**

The A NATURAL MINOR scale shares the same key signature as the C major scale.

- Notice the whole step between scale degrees 7 and 8 in the natural minor scale.
- Practice hands separately, then hands together.

### A Natural Minor Scale

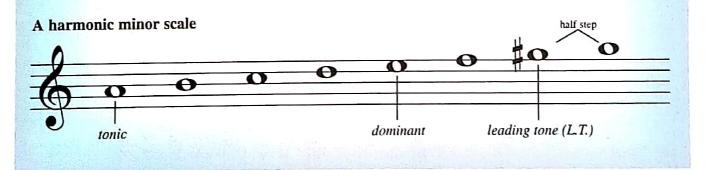


For the HARMONIC form of the minor scale, raise the 7th scale degree a half step.

This forms a half step between scale degrees 7 and 8, creating the leading tone to tonic.

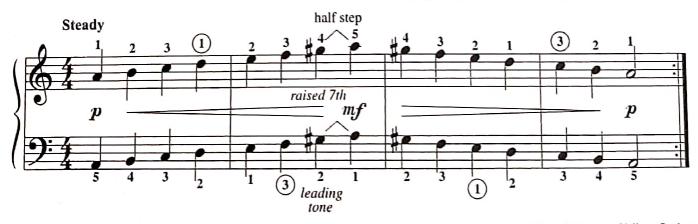
Notice a sharp is needed to raise the 7th scale degree.

This sharp is not in the key signature; it is an accidental.



- Practice hands separately, then hands together.
- Listen for the leading tone to tonic.

### A Harmonic Minor Scale



# **More About Key Signatures**

This key signature is either C major or A minor.



A key signature indicates a major key or its relative minor key.

After recognizing the key signature in a piece, look at the *final* measure to determine the key (major or relative minor). Most pieces end on a I chord with the *tonic* note in the bass.

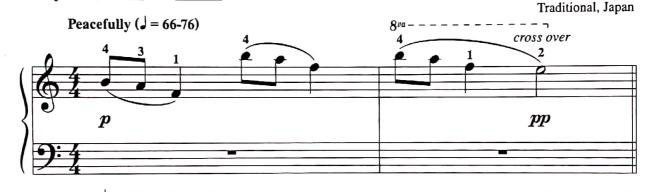
#### Ostinato

An **ostinato** is a musical pattern that is repeated over and over.

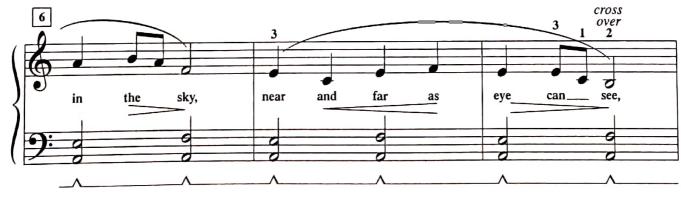
### Sakura

Name the two intervals used for the L.H. ostinato in this piece: \_\_\_\_\_ and \_\_\_\_\_

Key of \_\_\_\_ Major/Minor (circle)

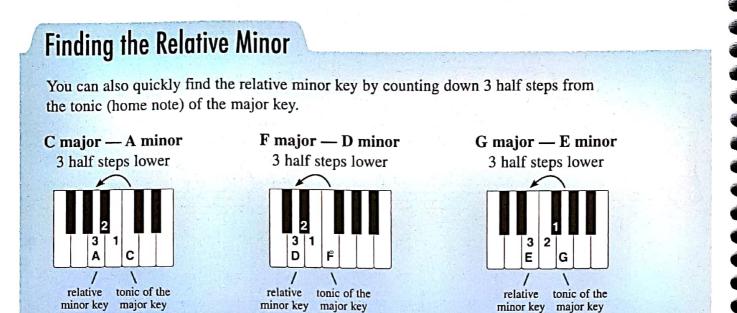






The Japanese song Sakura (Cherry Blossoms) celebrates the springtime flowering of the cherry blossom tree, Japan's most beloved plant and official flower.

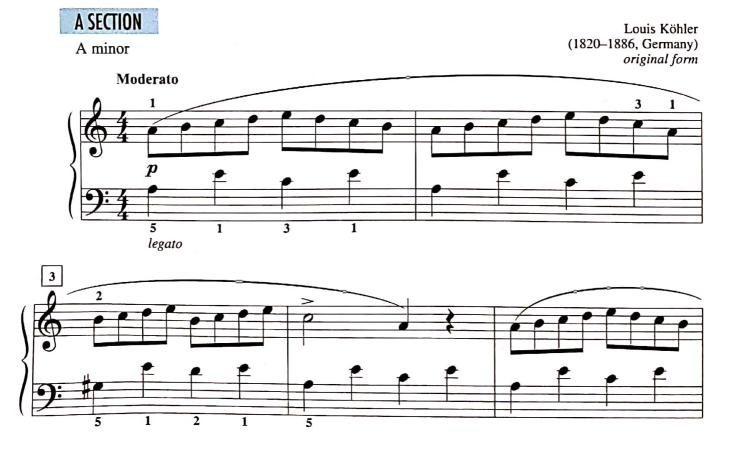




A piece in a minor key often has a section in the relative major key.

In this A minor piece, the **B section** (m. 9) opens in the key of C major—the **relative major**. The harmony returns to A minor at measure 13.

### **Etude in A Minor**





#### **B SECTION**

C major—relative major









What is the name of the L.H. accompaniment pattern? \_\_\_\_\_\_ For a music box effect, play both hands high on the keyboard.

# The Triplet

Sometimes 3 eighth notes equal a quarter note. This is called a **triplet**.

Tap (or clap) and count aloud:
"1 - and - a" (one-and-uh)



The italic 3 indicates a triplet, not finger number 3.













1-and-a 2-and-a 3-and-a 4-and-a

1-and-a 2-and-a 3-and-a 4-and-a

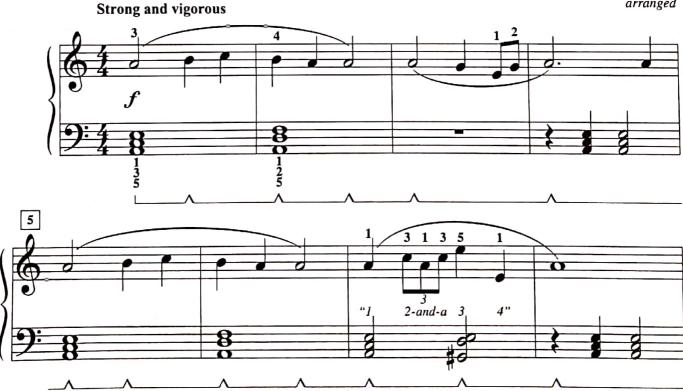
Antonín Dvořák completed the "New World Symphony" during his first year of living in the United States, with a wildly successful New York debut in 1893. The composer reports influence from African American and Native American melodies, and proposed the idea that American concert music be based on these origins.

### **Finale**

(from Symphony No. 9, 'From The New World')

Key of \_\_\_\_ Major/Minor

Antonín Dvořák (1841-1904, Bohemia) arranged





Hava nagila means "Let us rejoice and be happy."

# Hava Nagila

**Key of A Minor** 





## Hand Shape Warm-up

Open your R.H. with the palm facing up.
Bring your fingertips and thumb together.
Notice your *cupped* hand.



Turn your hand over and look for tall knuckles.
Repeat with the L.H.



#### **Technique Hints**

- Look for a "tall knuckle" for finger 3.

  Play the thumb *lightly*, perched on the side tip.
- Listen for even triplets that "ripple" up and down the A natural minor scale.

# **Rippling Triplets**

(for R.H.)





# **Rippling Triplets**







#### **Practice Suggestions**

- First, play the broken chords as blocked chords. This will help you recognize the i, iv, and V7 harmonies.
- Then play as written, with pedal.

## **Broken-Chord Etude**



8va-

## **Applied Music Theory**

#### **Directions**

100

- Play the R.H. melody alone.
- Now add L.H. blocked chords on *beat 1* of each measure, as indicated by the chord symbols.

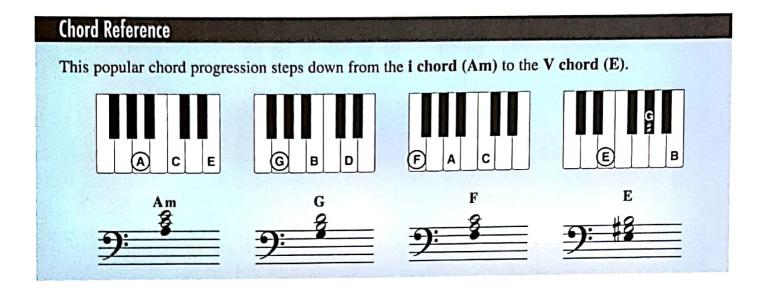
Notice the descending chord progression. (See next page.)

## **Greensleeves**

Key of A Minor Lead Sheet



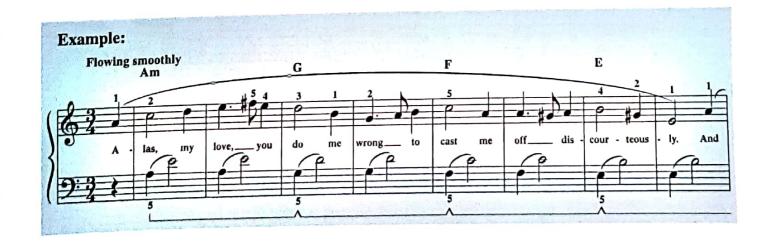
The lyric of "Lady Greensleeves" dates to the 16th century. Not exactly an innocent love song, the early lyric recounts the pleading of a gentleman for love from his bored mistress. The melody was first published in 1652. Two centuries later, the Christmas carol What Child Is This was set to the same tune.



## **Broken-5th Accompaniment**

When you can comfortably play *Greensleeves* using **blocked chords**, practice accompanying the melody using this L.H. broken-5th pattern.



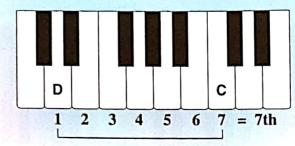




# Interval of a Seventh (7th)

## Interval of a 7th

The interval of a 7th spans seven letter names (and seven white keys).

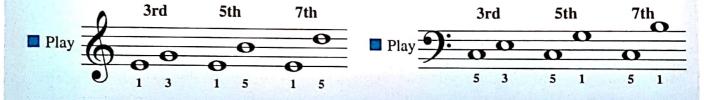


Find and play the following 7ths on the keyboard. (Hint: A 7th is one note less than an octave.)

- L.H. finger 5 on E. Play up a 7th.

  Did you land on D?
- R.H. finger 5 on F. Play down a 7th. Did you land on G?

On the staff, a 7th is line to line or space to space, similar to the 3rd and 5th.



## 7th St. Blues



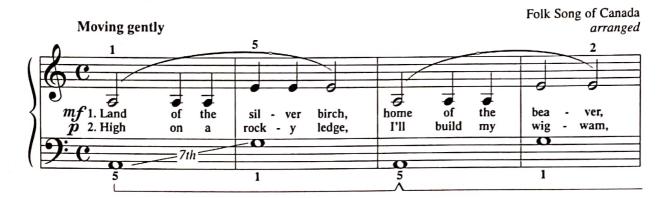


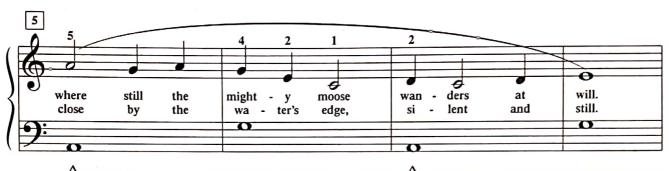
## **Common Time**

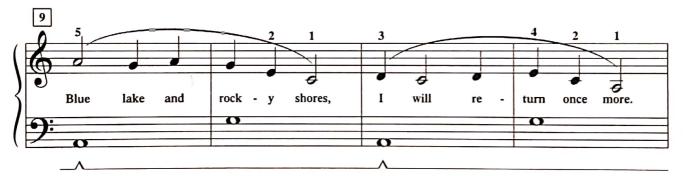
**C** is the symbol for common time. Common time is the same as  $\frac{4}{4}$ .

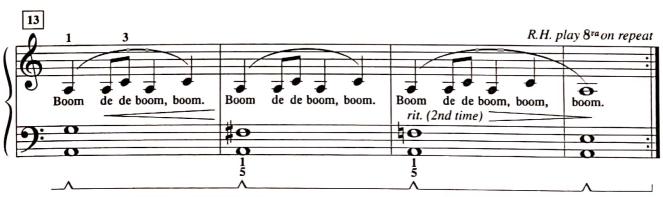
## Land of the Silver Birch

Key of \_\_\_\_Major/Minor (circle)











Notice this piece uses a L.H. 7th as an ostinato.

Explore creating a short piece of your own using this ostinato.

For the R.H. melody, play notes from the A natural minor scale.

# Cut Time $C = \frac{2}{2}$

Cut time is 4 time divided in half: 2

It is notated the same as 4 time, but is played with 2 beats per measure.

The gets the beat.

Cut time is also known as alla breve.

Play quickly, feeling 2 beats per measure.

¢ 8 | \$

Count: 1 and 2 and 1 and 2 and

Give My Regards to Broadway is from George M. Cohan's first original musical comedy Johnny Jones (1904). This musical stood in sharp contrast to other musicals of the day because of its American theme and speech.

# Give My Regards to Broadway

George M. Cohan (1878–1942, U.S.A.)





Unit 9: Interval of a Seventh

## 3-Minute Technique

#### Technique Hint

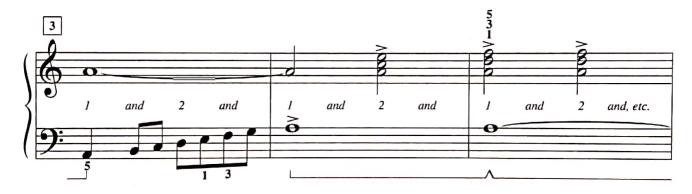
Play the final *forte* chords (m. 19) using a slight *down-up* wrist motion. This "cushioning" motion of the wrist helps produce a full, round tone.

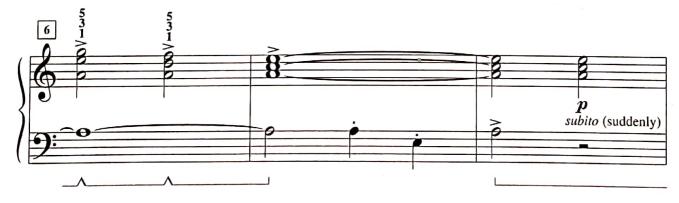
Note: The arrows at mm. 19-21 indicate this motion.

## **Fanfare Etude**

Key of \_\_\_\_ Major/Minor (circle)









## **Applied Music Theory**

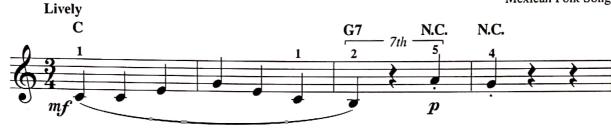
#### **Directions**

- First, play the melody alone with pedal.
- Then add **blocked chords** on beat 1 of each measure. (N.C. means no chord.)

# **Mexican Clapping Song**

C Major Lead Sheet

Mexican Folk Song

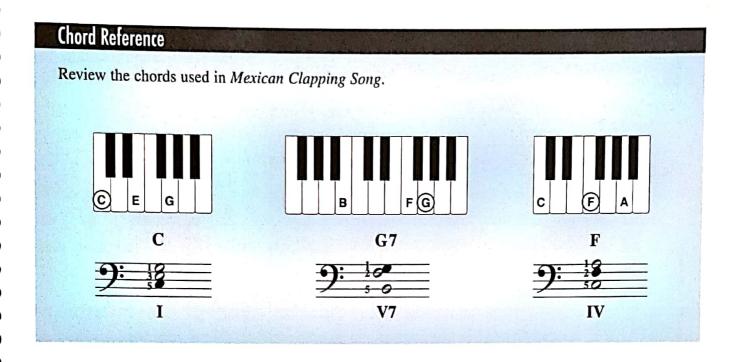












## Waltz Accompaniment

When you can comfortably play *Mexican Clapping Song* using blocked chords, play the B section (mm. 11-26) using the L.H. waltz accompaniment below. (Use blocked chords for the D.C.)





Habanera is the famous aria from Georges Bizet's opera Carmen. Though the opera is now considered a masterpiece, the French critics and public condemned the work and its gypsy theme. Bizet died in despair shortly thereafter. The story is set in Spain, with the habanera dance rhythm providing an exotic flair.

Habanera opens in the Key of D minor and changes to the Key of D major at measure 10.

# Habanera

(from the opera Carmen)

The exotic mood of the minor section contrasts with the triumphant quality of the major section.

Georges Bizet (1838–1875, France)

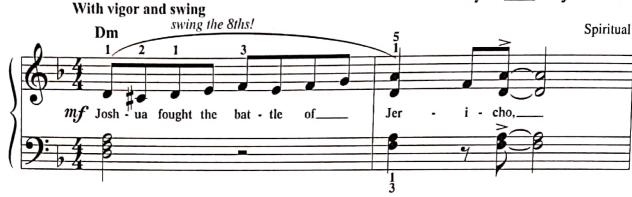




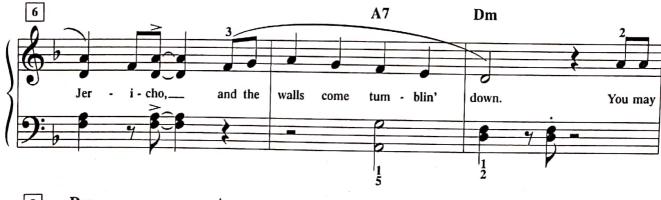
sfz - sforzando a sudden, strong accent This spiritual tells the story of Joshua leading the Israelites into the Promised Land. The battle of Jericho is recounted in the Old Testament of the Bible, Book of Joshua.

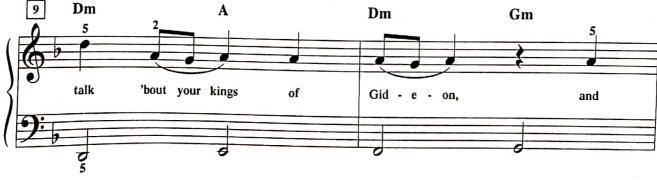
# Joshua Fought the Battle of Jericho

Key of \_\_\_\_ Major/Minor











Unit 10: Key of D Minor

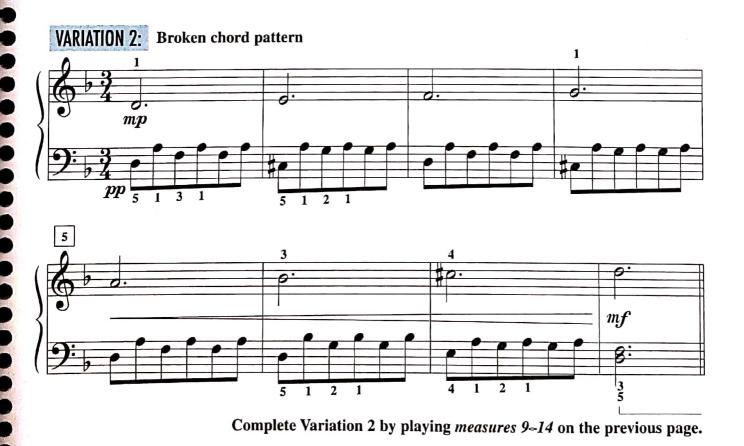
#### Balance Between the Hands

- Bring out the melody by using arm weight, sinking gently to the bottom of the key.
- Soften the accompaniment by using *less* arm weight. Play lightly from the surface of the key.



When you can easily play the *theme* (page 118), learn these *variations* for more practice with **i**, **iv**, and **V7** accompaniments.

Complete Variation 1 by playing measures 9-14 on the previous page.



Unit 10: Key of D Minor

Dark Eyes (Ochi Chiornie) is one of the most popular of Russian "Gypsy songs." Although Dark Eyes is often performed by Gypsy (Romany) musicians who take pride in their renditions of it, they are quick to point out that Dark Eyes is not a real Romany song, but was written by a Russian. Despite this assertion, the song has become synonymous with Gypsy music.

#### **Directions**

- First, play the melody alone.
- Then add a L.H. staccato blocked chord on beat 1 of each measure, as indicated by the chord symbols. (See next page for chords.)

Reminder: There is no chord on the upbeats.

# Dark Eyes D minor Lead Sheet

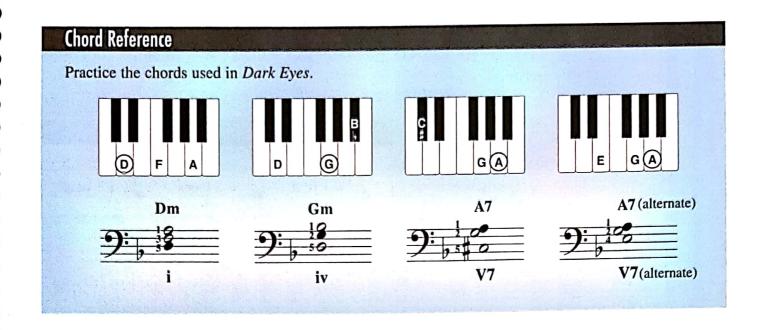






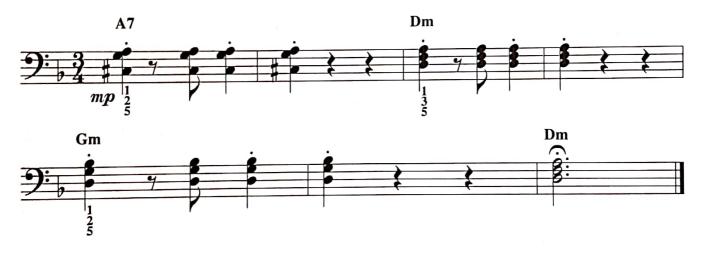


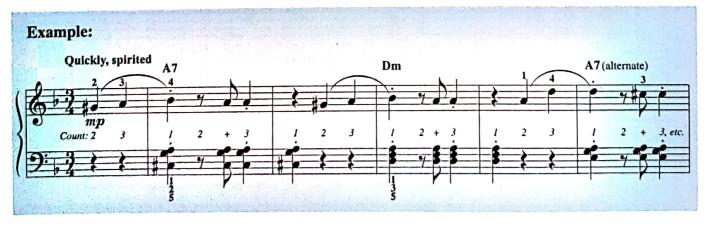




## **Rhythmic Chord Accompaniment**

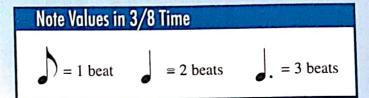
When you can comfortably play *Dark Eyes* with **blocked chords**, practice playing the melody with this L.H. accompaniment pattern.





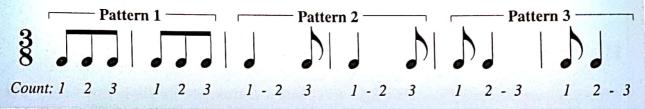
## **New Time Signature**

—3 beats in a measure—the eighth note gets 1 beat



These are some common rhythm patterns in § time.

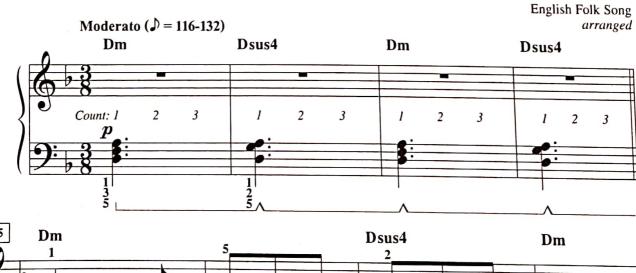
Tap and count. (You may wish to set the metronome at J = 160.)

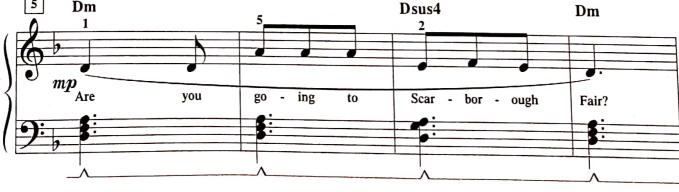


In the various renditions of this English folk song, two qualities are always present: a list of impossible tasks for a lover to perform, and the repetition of four herbsparsley, sage, rosemary, and thyme.

# Scarborough Fair

Key of \_\_\_\_ Major/Minor





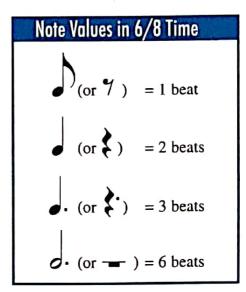


# **New Time Signature**

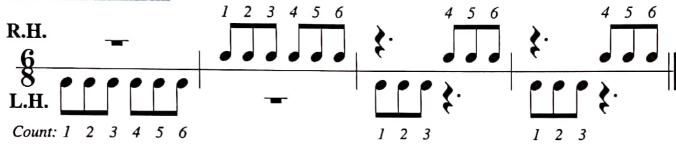
6—6 beats in a measure
—the eighth note  $\searrow$  gets one beat

The  $\frac{6}{8}$  time signature is a combination of  $\frac{3}{8} + \frac{3}{8}$ .

- Tap and count these  $\frac{6}{8}$  rhythms ( $\frac{1}{2}$  = 144-160).
- Then play each rhythm on the chord suggested.

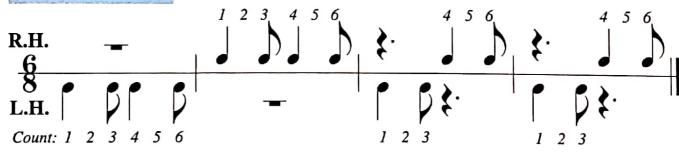




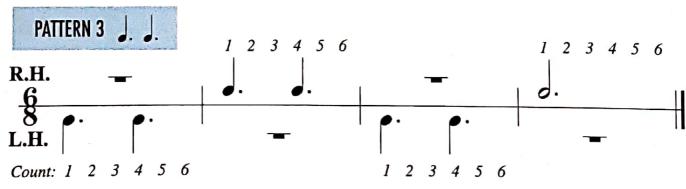


Now play using C major chords.





Now play using D minor chords.



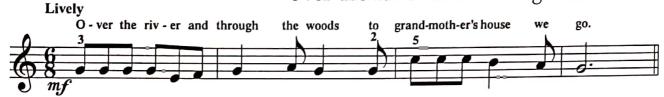
Now play using F major chords.

# Familiar § Melodies

Each of these melodies is in §time.

- Write the counts "1 2 3 4 5 6" under each measure.
- Then play the melodies on the piano. Play more of the melody "by ear" if you wish.

## Over the River and Through the Woods



Write: 1 2 3 4 5 6

## Row, Row, Row Your Boat



Write: 1 2 3

## For He's a Jolly Good Fellow



#### Sailing, Sailing



Write:



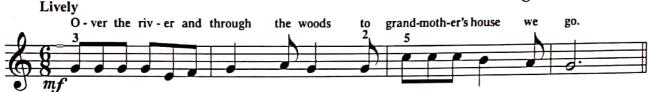
Circle this rhythm pattern in the music above: (There are 10 of these.)

# Familiar § Melodies

Each of these melodies is in § time.

- Write the counts "1 2 3 4 5 6" under each measure.
- Then play the melodies on the piano. Play more of the melody "by ear" if you wish.

## Over the River and Through the Woods



Write: 1 2 3 4 5 6

## Row, Row, Row Your Boat



Write: 1 2 3

## For He's a Jolly Good Fellow



## Sailing, Sailing



Write:



Circle this rhythm pattern in the music above: (There are 10 of these.)

Campbells Are Coming is a traditional dance tune of Scottish heritage. Commonly played on the bagpipes, it is usually accompanied by drone 5ths. The tune may have been used as a battle march by the rebelling Stuart clan when opposed by the Clan Campbell, who allied with the King of England.

■ Before you play, draw bar lines for *measures 13–24*.

# **Campbells Are Coming**

Key of \_\_\_\_ Major/Minor





In faster tempos, § is felt with 2 beats per measure. The J. gets the beat.

Tap this rhythm, counting aloud.

 Pronounced "fu-nee-ku-lee, fu-nee-ku-lah."
This Italian song was written to celebrate the opening of a funicular rablway (a mountain cable car) that went to the top of Mt. Vesuvius.

# Funiculì, Funiculà

Key of \_\_\_\_ Major

Notice the L.H. chords mark out the two "big beats" per measure.

Luigi Denza (1846-1922, Italy) arranged Moderato, "in two" (J = 104-120) Some made for fun and the world is think Count and feel: 2 etc. L.H.lightly 3 4 and so 1! frol And so 8 Some think. to 12 mel an chol ic, to pine and sigh,



Feel two J. beats per measure for this primary chord exercise.

# Chord Study "in Two"

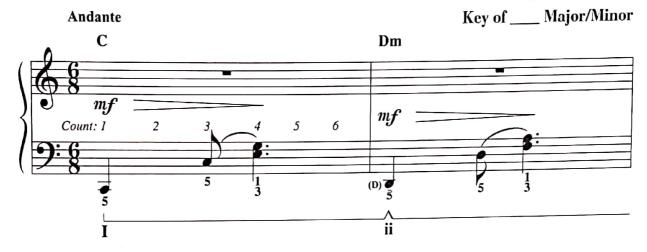


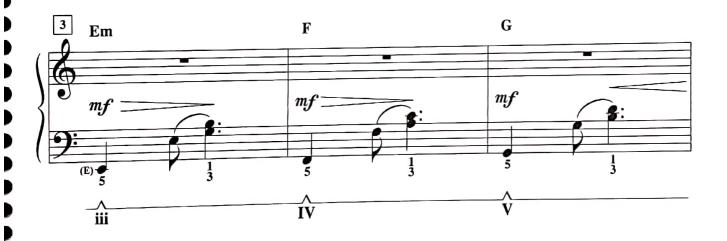
■ Transpose to the keys of F major and C major.

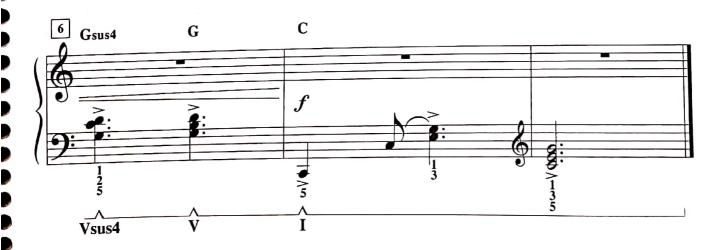
Notice the *andante* tempo mark. Feel this graceful pedal study with 6 beats per measure.

# **Pedal Study**

(for L.H. alone)







## **Applied Music Theory**

A barcarolle is a piece of music that suggests the songs sung by gondoliers as they row their gondolas on the canals of Venice. The sentimental, melancholy mood of the barcarolle has led to its frequent use in romantic opera. Perhaps, the most famous example is that of Offenbach in Act 2 of Les Contes d'Hoffmann (The Tales of Hoffmann).

#### **Directions**

- First, play the melody alone with pedal.
- Then add L.H. blocked chords on beat 1 of each measure, as indicated by the chord symbols.

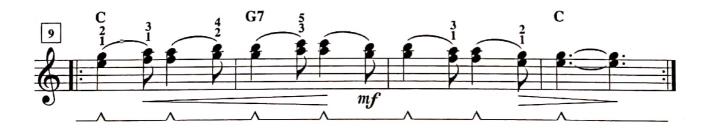
## Barcarolle

(from the opera The Tales of Hoffmann)

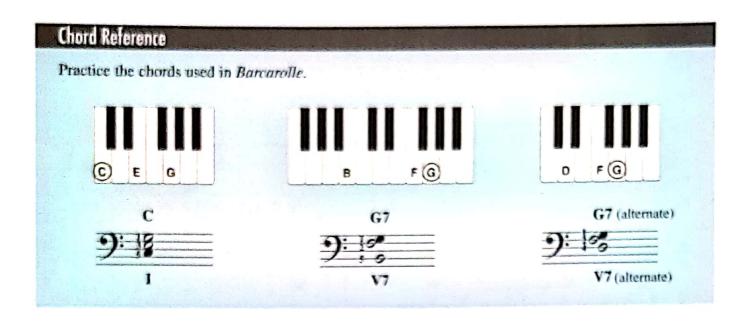
Jacques Offenbach (1819–1880, France)











## Rocking-Chord Accompaniment

When you can comfortably play Barcarolle with blocked chords, practice playing the melody with this L.H. accompaniment pattern.





# **March Slav**





The form of this arrangement is A A<sup>1</sup>.

Name the two bass ledger notes used in A<sup>1</sup>.

The opening of the Erie Canal in 1825 (connecting Lake Erie and the Hudson River) drew tens of thousands of settlers from the east to Detroit and made New York the country's primary financial center. The Canal trafficked lumber, produce, and manufactured goods hauled by barge and mule. The Eric Canal emerged as a folk song that celebrates this achievement in transportation.

### The Erie Canal

Key of \_\_\_\_ Major/Minor

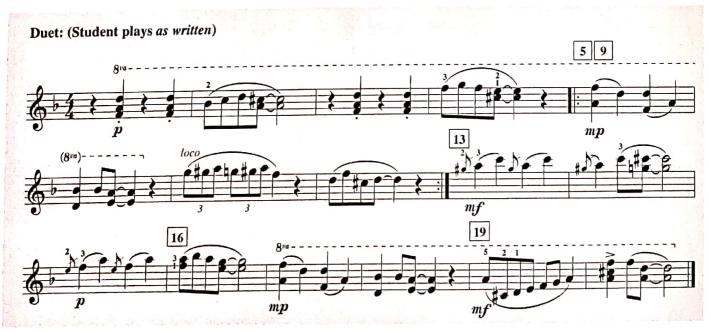
III 







The form of this song is Intro A A B A<sup>1</sup>. Label each section in the music. Notice the B section opens in the relative major key (F major).

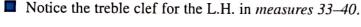


Edvard Grieg wrote the music for the play *Peer Gynt*, a colorful folk tale about the adventuresome travels of a Norwegian mountain boy. *Morning* was written for Act IV, when the young Peer Gynt has just arrived in Africa.

# Morning

(from Peer Gynt Suite No. 1)

Key of \_\_\_\_ Major/Minor



Edvard Grieg (1843–1907, Norway) arranged



Mile

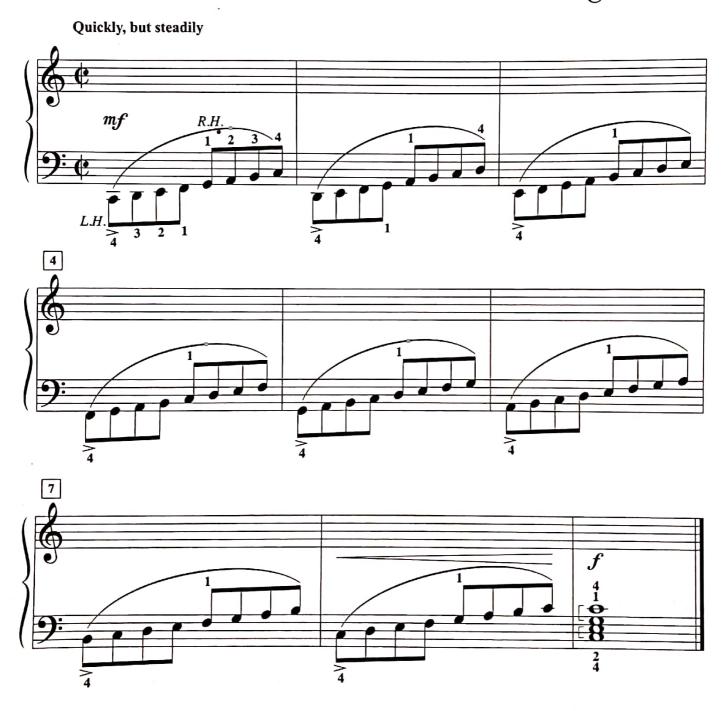


# 3-Minute Technique

#### **Technique Hints**

- Drop with arm weight on the downbeat of each measure (L.H. finger 4).
- Play the R.H. thumb lightly for a smooth, *legato* sound. Play each scale as one continuous gesture between the hands.

# **Ascending Scales**

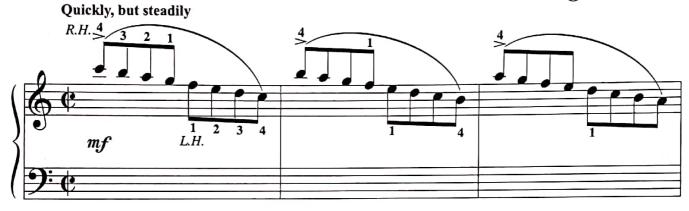


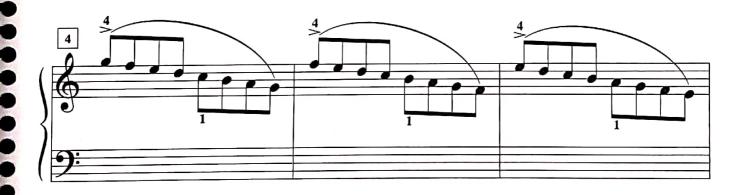
Repeat Ascending Scales using swing rhythm.

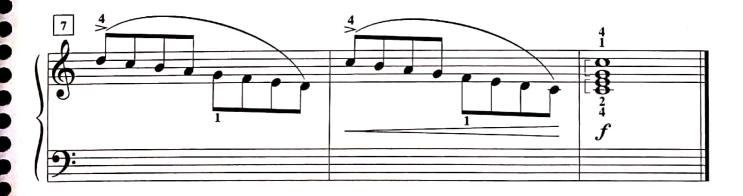
#### **Technique Hints**

- Drop with arm weight on the downbeat of each measure (R.H. finger 4).
- Play the L.H. thumb lightly for a smooth, *legato* sound. Play each scale as one continuous gesture between the hands.

# **Descending Scales**







Repeat Descending Scales using swing rhythm.

# **Applied Music Theory**

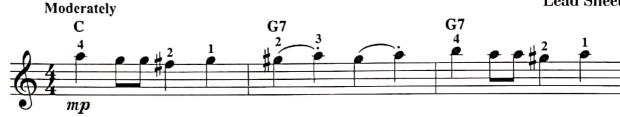
The Glow Worm is an adaptation of a 1902 song from the German operetta Lysistrata. It has been featured in a Broadway musical and was recorded by both the Mills Brothers and Spike Jones, and the City Slickers during the 1940s and '50s.

#### **Directions**

- First, play the melody alone for practice in reading upper ledger line notes.
- Then add L.H. **blocked chords** on *beat 1* of each measure, as indicated by the chord symbols.

# The Glow Worm

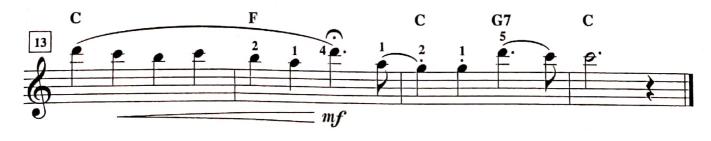
**Lead Sheet** 





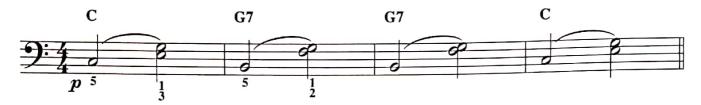


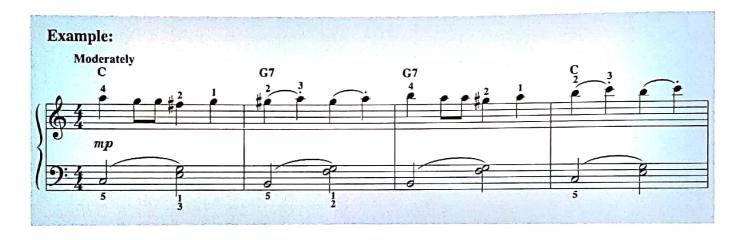




#### Half-Note Broken Chord Pattern

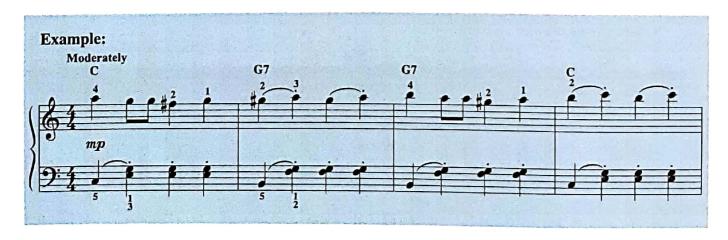
When you can comfortably play *The Glow Worm* with **blocked chords**, practice playing the melody with these two **broken-chord** accompaniment patterns.





### Quarter-Note Broken Chord Pattern





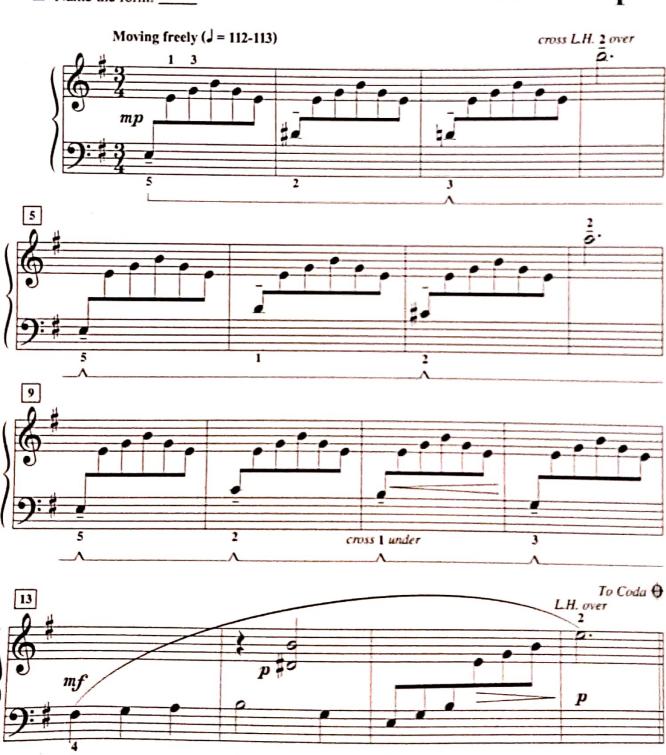
# Tenuto Mark (stress mark)

This mark means to hold the note its full value. Hint: Press deeply into the key.

#### Musical Form Check

- Label the sections of this piece.
- Name the form:

# Lunar Eclipse



In measures 17-20 the R.H. plays both the melody and harmony (two voices). Play the upper voice mf with a rich tone. Play the thumb lightly for the inner voice.





Circle three different 7ths in this piece.

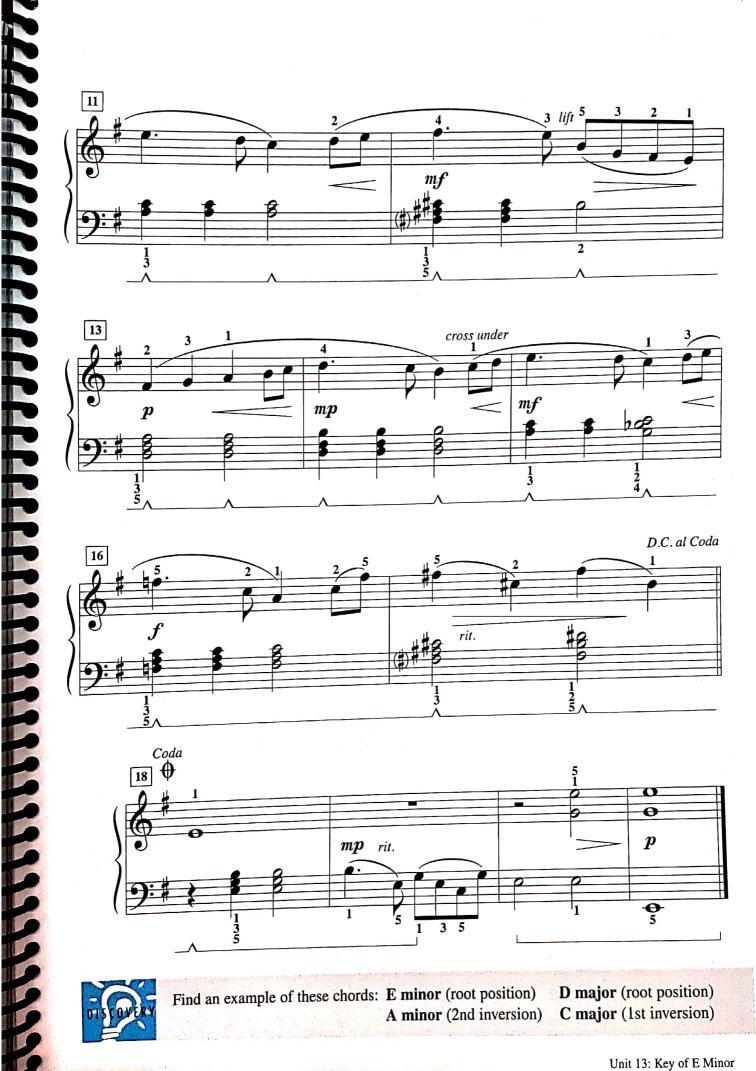
- Create an expressive R.H. melody by shaping with \_\_\_\_\_ and \_\_\_\_ marks.
- Play the L.H. chords more softly, staying close to the keys.

# Swan Lake

Theme from Overture to Act II Key of \_\_\_\_ Major/Minor

> Peter Ilyich Tchaikovsky (1840-1893, Russia) arranged







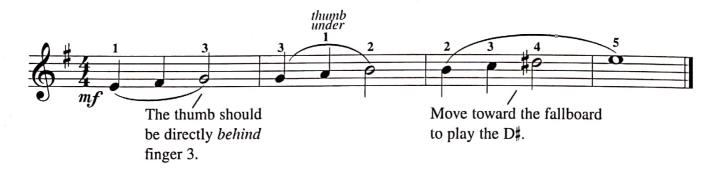
Find an example of these chords: E minor (root position) A minor (2nd inversion)

D major (root position) C major (1st inversion)

### 3-Minute Technique

#### Scale Warm-up

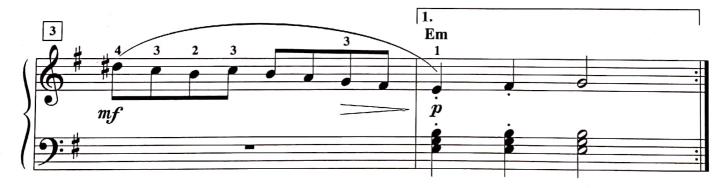
Let your thumb follow behind each finger being played.

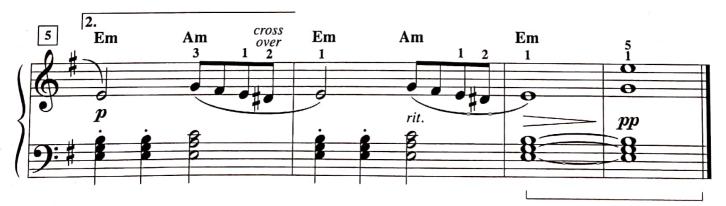


# **E Minor Scale Study**

(with i, iv, and V7 chords)







#### **Applied Music Theory**

House of the Rising Sun has traditional American roots and has been popularized by both folk and rock musicians, including Bob Dylan. The Animals made it a hit in 1964 with the "agonized delivery" of Eric Burdon and the sparse keyboard style of Alan Price on the Vox Continental electronic organ.

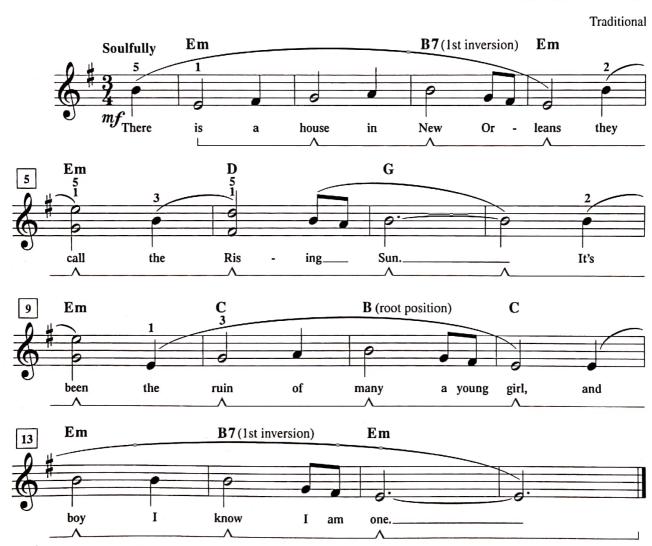
#### **Directions**

- First, play the melody alone with pedal.
- Then add L.H. blocked chords on beat 1 of each measure, as indicated by the chord symbols.

Play all of the chords in **root position**, except the **B7** chord, which may be played in 1st inversion (for close position).

# House of the Rising Sun

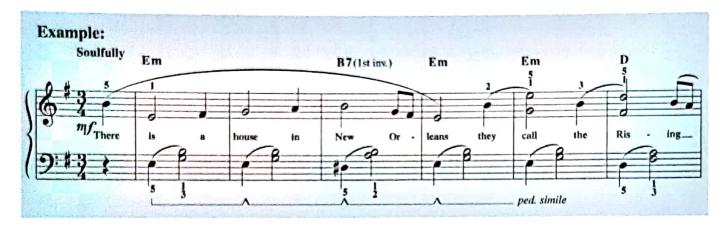
**E Minor Lead Sheet** 



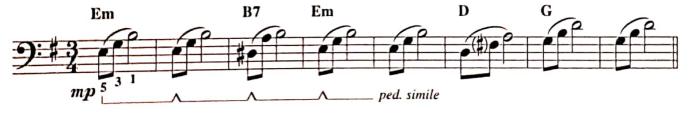
# 3 Broken-Chord Pattern (🎝 🎝)

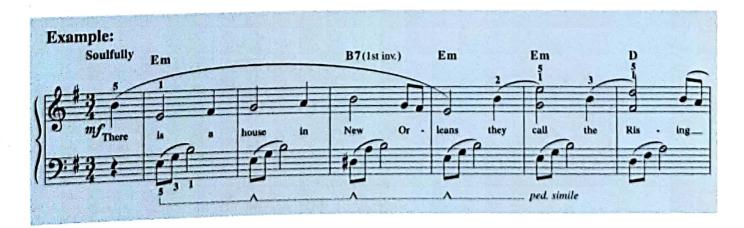
When you can comfortably play House of the Rising Sun with blocked chords, practice playing the melody with these L.H. accompaniment patterns.



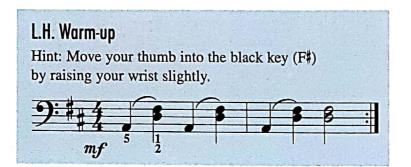


# 3 Broken-Chord Pattern ( , , )



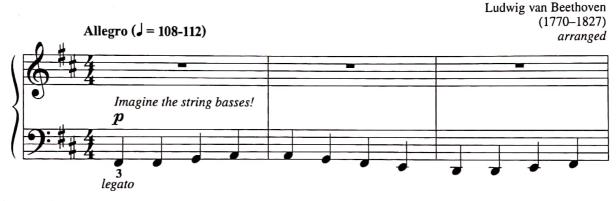


This theme from the last movement of Beethoven's ninth symphony is one of the most famous melodies of all time. The theme is introduced softly by the string basses and is later played forte by full orchestra and chorus, for a victorious ending. Beethoven wrote and conducted his ninth symphony when he was completely deaf. When the audience broke into thunderous applause, a friend had to turn Beethoven around so he would see the overwhelming response to his final symphony.



# Song of Joy

Theme from Symphony No. 9 Key of \_\_\_\_ Major











The opening L.H. melody begins on scale degree 3 (F-sharp in the Key of D major). Transpose Song of Joy down a whole step to the Key of C major.

#### **Practice Suggestions**

- Practice hands alone. Notice the patterns.
- Next, s-l-o-w-l-y play hands together. You will find some measures more difficult than others.
- Isolate the tricky measures and practice them repeatedly 3-8 times.

Gradually play up to tempo.

# Gavotte in D Major

James Hook (1746-1827, England) original form (transposed from C major)



### **Applied Music Theory**

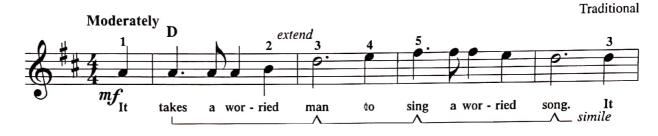
Worried Man Blues is an old chain-gang tune. It was reworked in the late '50s by The Kingston Trio to tell the story of a man whose only worry in life is whether his girlfriend Sue is faithful while he is traveling on a business trip.

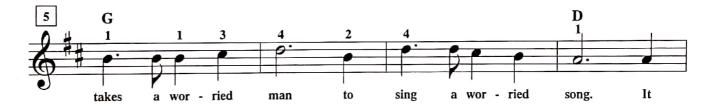
#### **Directions**

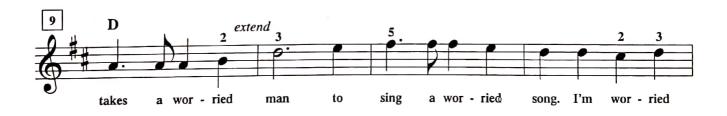
- First, play the melody alone with pedal.
- Then play root position blocked 5ths on beat 1 of each measure, as indicated by the chord symbol.

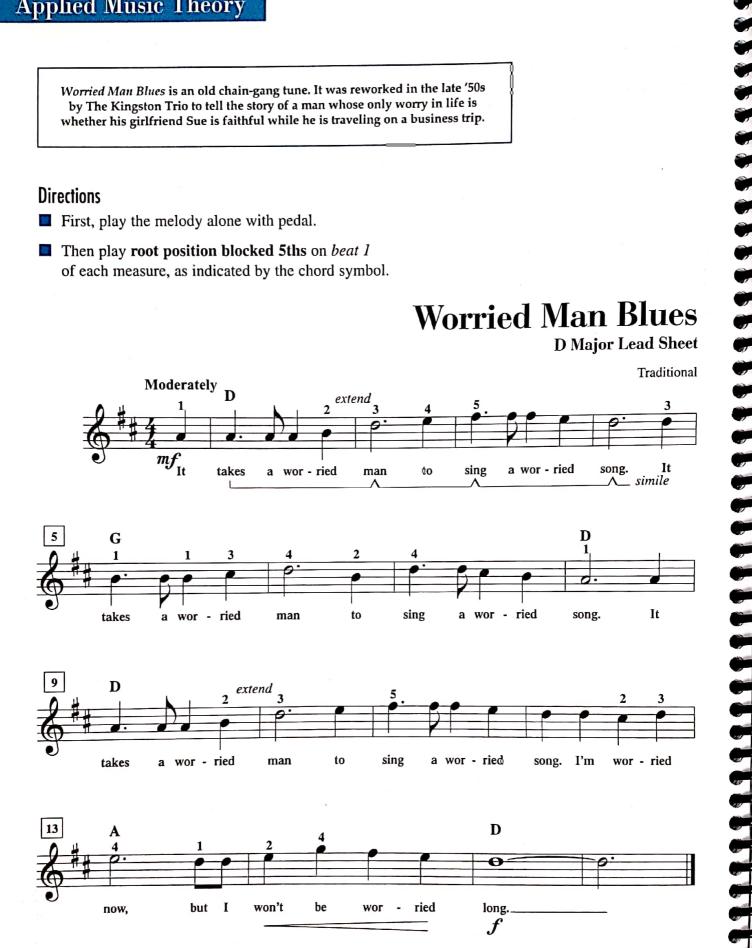
# **Worried Man Blues**

D Major Lead Sheet





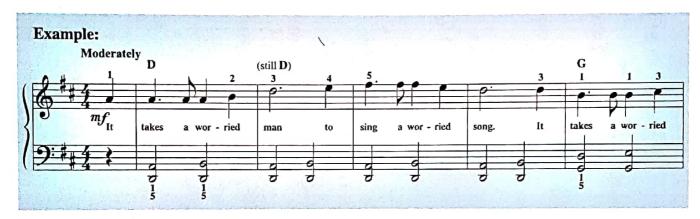




# 5th-6th Accompaniment Pattern ( )

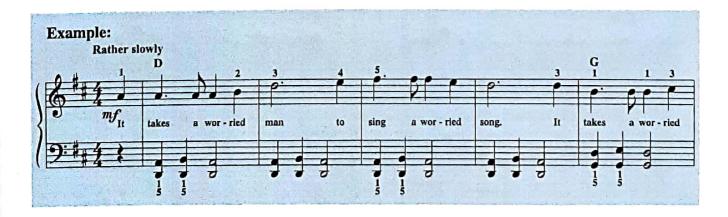
When you can comfortably play the melody for Worried Man Blues with blocked 5ths, try these two accompaniment patterns, which use a 5th-6th pattern.





# 5th-6th Accompaniment Pattern ( ) )





Mozart's Eine Kleine Nachtmusik (A Little Night Music) was originally written for a string quintet. Here is the opening theme, which demands precise rhythm.

First practice measures 1-4 hands alone, then hands together.

# Eine Kleine Nachtmusik

Allegro

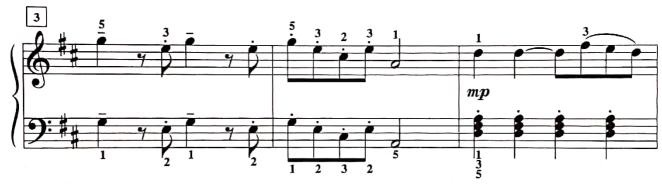
Allegro

F (open the hands)

Wolfgang Amadeus Mozart
(1756–1791, Austria)

arranged

f (open the hands)









What chord is outlined in measures 1-2? \_\_\_\_\_\_ What chord is outlined in measures 3-4? \_\_\_\_\_\_

pianoadventures.com/adult

Unit 15: One-Octave Arpeggios

**Dynamic Mark** 

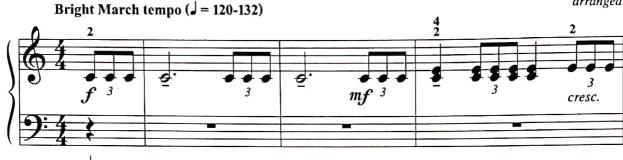
.ff - fortissimo

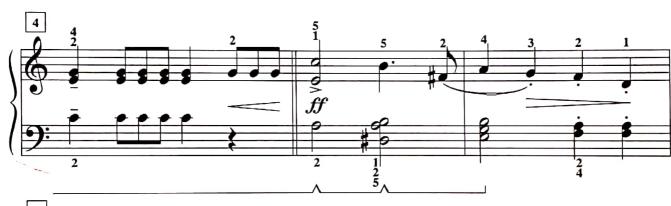
Fortissimo means very loud, louder than forte (f).

Mendelssohn composed the music for Shakespeare's play A Midsummer Night's Dream at the request of King Frederick William. The Wedding March appears at the end of the play for a triple wedding ceremony.

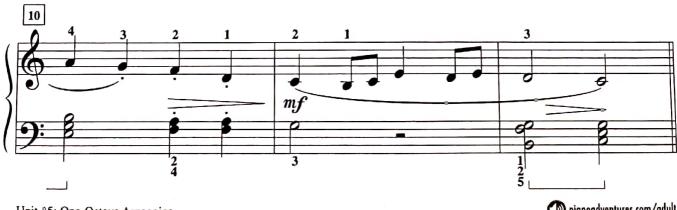
# Wedding March from A Midsummer Night's Dream

Felix Mendelssohn (1809-1847, Germany) arranged











# **Review: Syncopation**

Syncopation occurs when notes are accented BETWEEN the beats instead of ON the beat.

Play this example, counting aloud.







#### **Applied Music Theory**

Franz Liszt was the most esteemed pianist of the Romantic Period and Liebestraum is one of his best-loved works. When pianist Vladimir Horowitz played Liszt's Liebestraum during his historic "return to Moscow concert" in 1986, many were moved to tears.

The concert was televised for all the world to see.

#### **Directions**

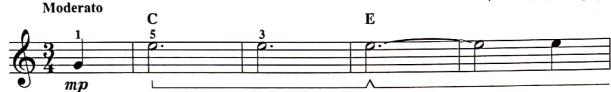
- First, play the melody alone with pedal.
- Then add L.H. root position **blocked chords** on *beat 1* of each measure, as indicated by the chord symbols.

#### Liebestraum

(Dream of Love)
Key of \_\_\_\_ Major/Minor

Dm

Franz Liszt (1811–1886, Hungary)





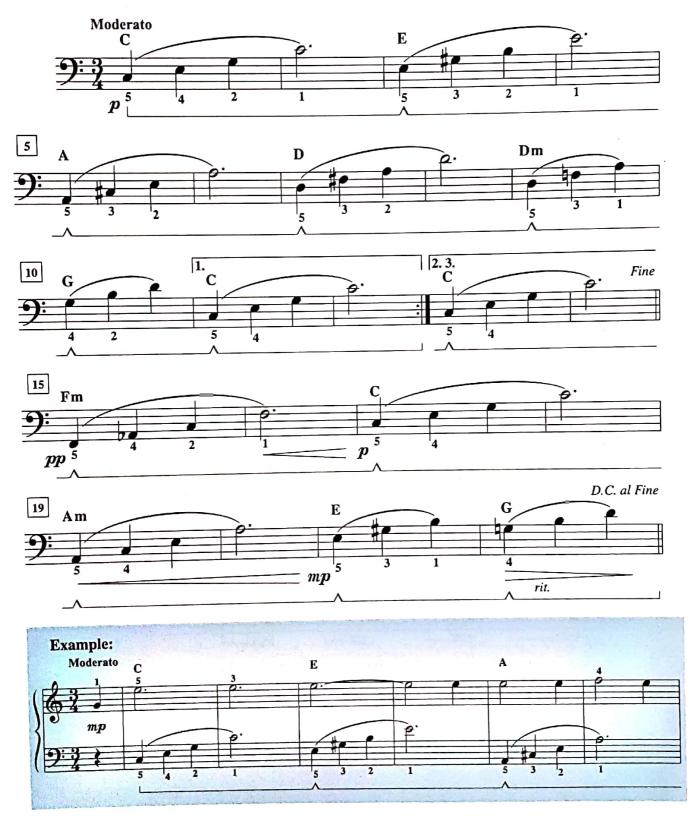
D





### Arpeggio Accompaniment

- First, practice this L.H. accompaniment, listening for smooth chord changes.
- When you can easily play the one-octave arpeggios, use this pattern to accompany *Liebestraum*.



A chantey is an energetic sailor song.

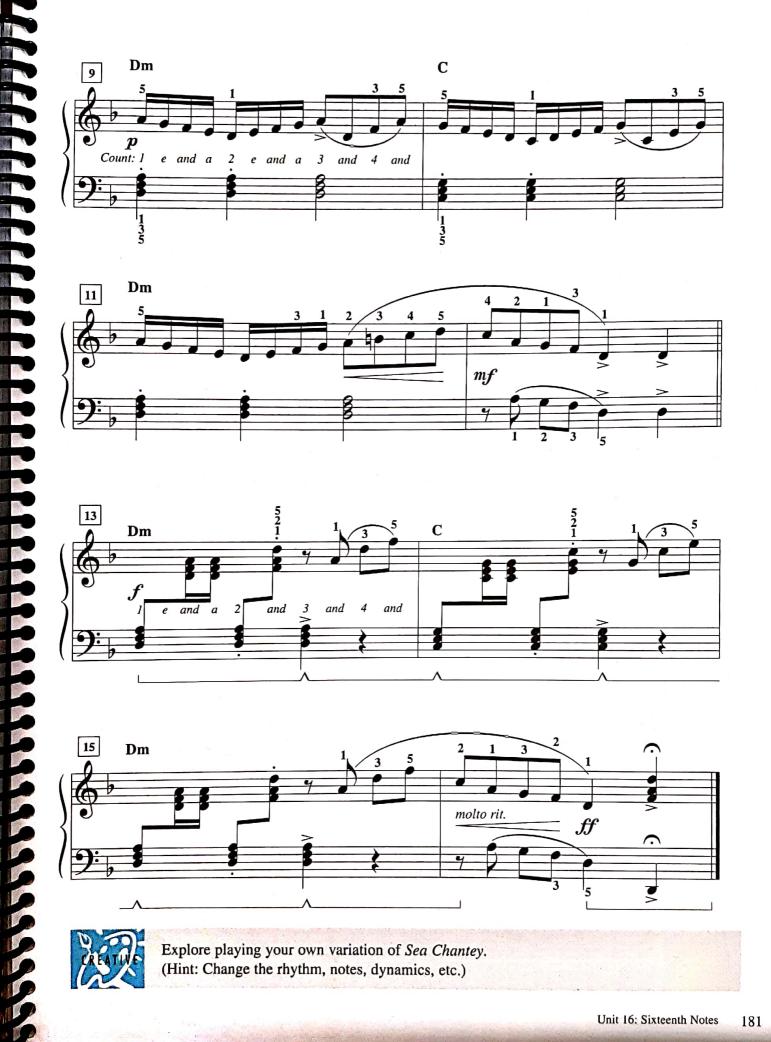
Notice the *theme* is mostly eighth notes. Variations 1 and 2 use the Thythm.

■ Can you find the hythm in Variation 3?

# **Sea Chantey**

Key of \_\_\_\_ Major/Minor





Musetta's Waltz (Quando me'n vo' soletta) is a much loved aria from La Bohème (Act II) by Giacomo Puccini. Phenomenally successful from its debut in 1896, La Bohème continues to be one of the most beloved of the Italian operas.

### Musetta's Waltz

from the opera La Bohème





Unit 16: Sixteenth Notes

# **Applied Music Theory**

Though Borodin's profession as a medical doctor and researcher occupied most of his time, he nonetheless achieved lasting fame as a composer. The Russian composer dedicated his Second String Quartet in D to his wife, a concert planist. The third movement Nocturue, which has been described as a "haunting love song without words," is luxuriant in texture. The famous melody is played by the cello—an instrument that Borodin himself played.

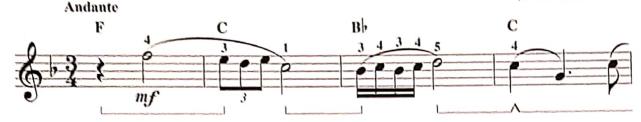
#### **Directions**

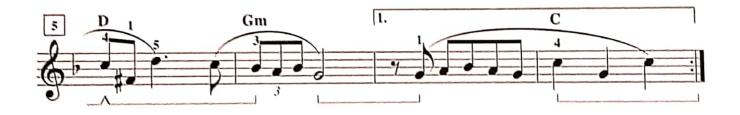
- First, play the melody alone with pedal.
- Then play L.H. blocked 5ths on beat 1 of each measure, as indicated by the chord symbols.

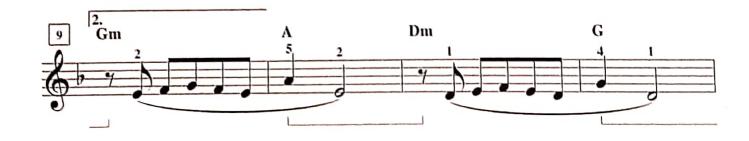
### Nocturne

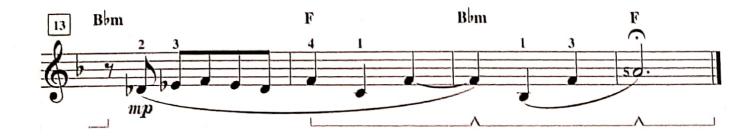
from String Quartet No. 2

Alexander Borodin (1833–1887, Russia)



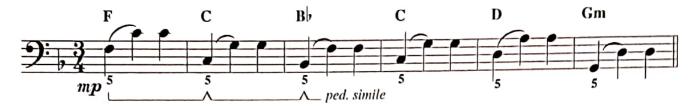


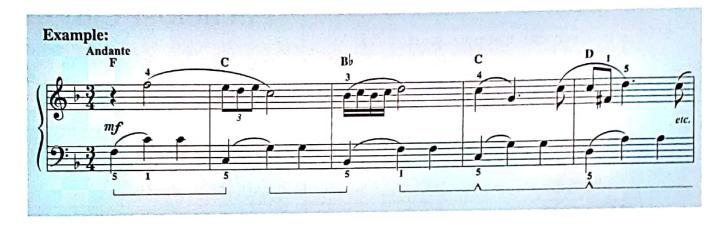




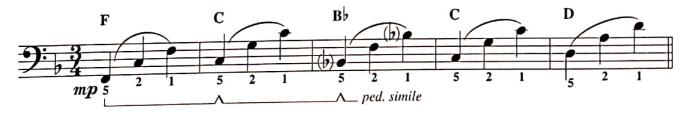
When you can comfortably play *Nocturne* with **blocked chords**, practice using these L.H. accompaniment patterns.

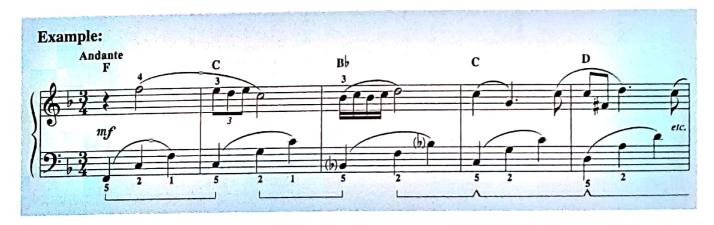
#### **Broken 5th Accompaniment**





### Root-5th-Octave Accompaniment





# Review Piece

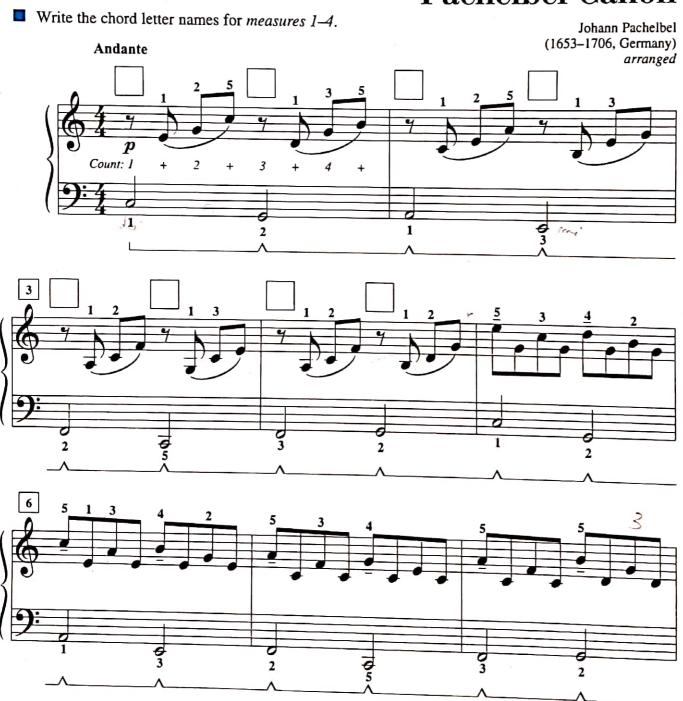
Pachelbel's Canon is one of the most popular pieces of all time.

It has been featured in movies, television, and in countless recordings and concerts.

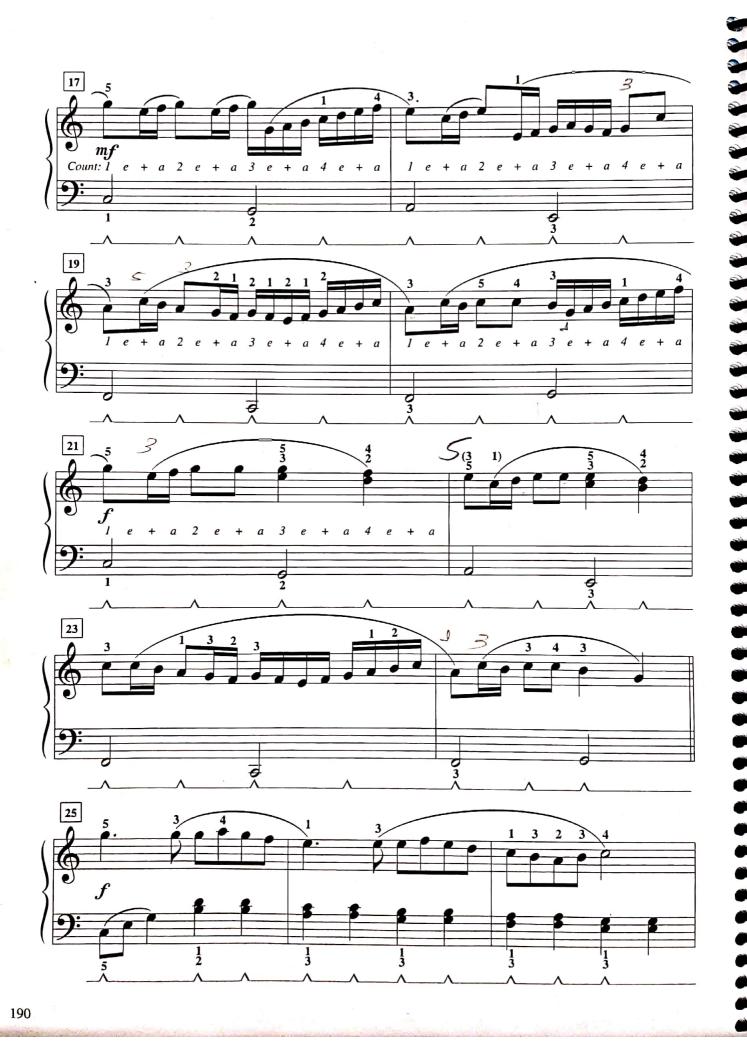
The canon is based on this four-measure chord pattern which repeats throughout the piece:

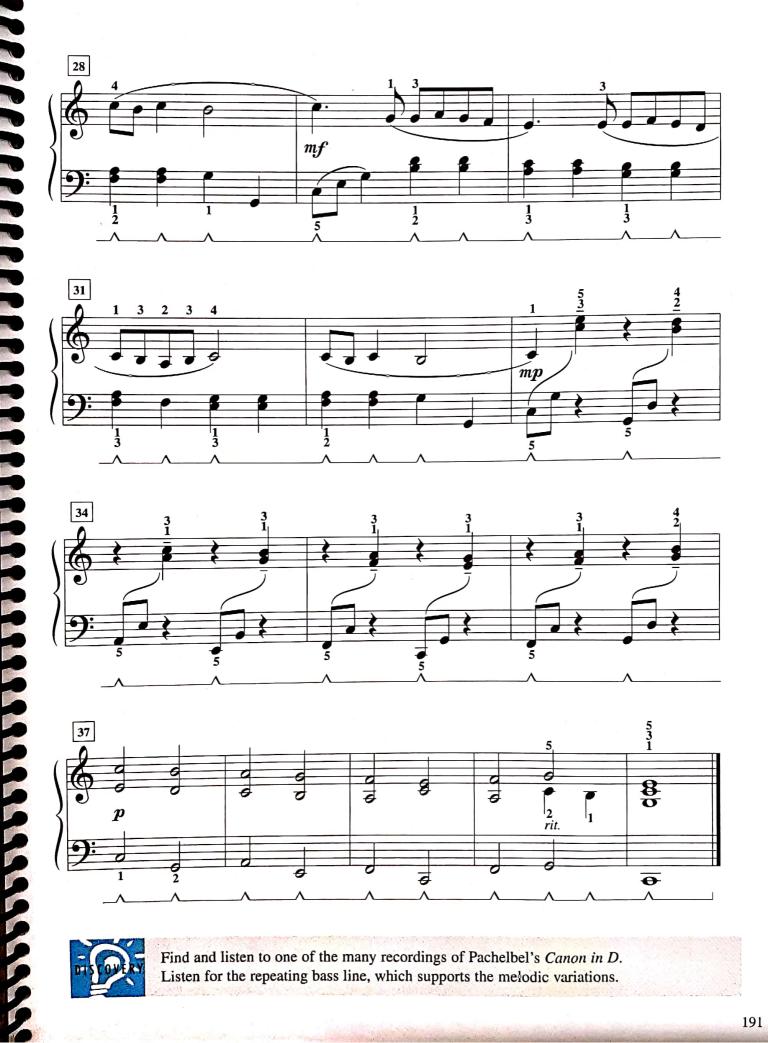
chord names: | C G | Am Em | F C | F G chord functions: | I V | vi iii | IV I | IV V : |

# **Pachelbel Canon**





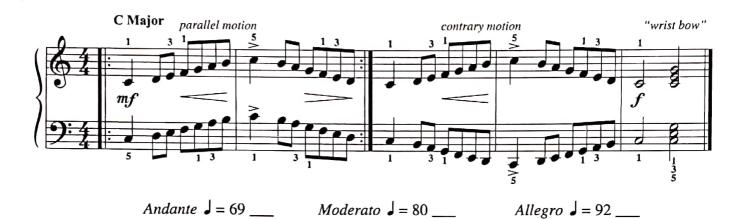




# Scale Chart

- Practice these scales hands separately, then hands together.

  Listen for the fingers playing *exactly* together.
- Draw a ✓ in the blank when you can accurately play at the metronome marks given.

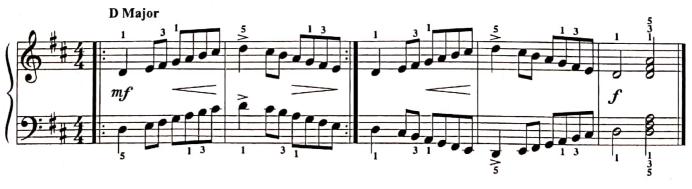




Andante J = 69 \_\_\_\_

*Moderato* **J** = 80 \_\_\_\_

*Allegro* **J** = 92 \_\_\_\_



Andante J = 69 \_\_\_\_

Moderato J = 80 \_\_\_\_

