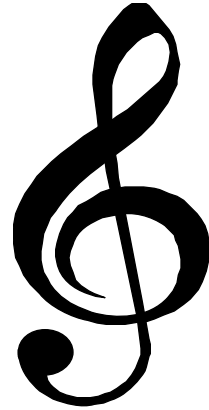
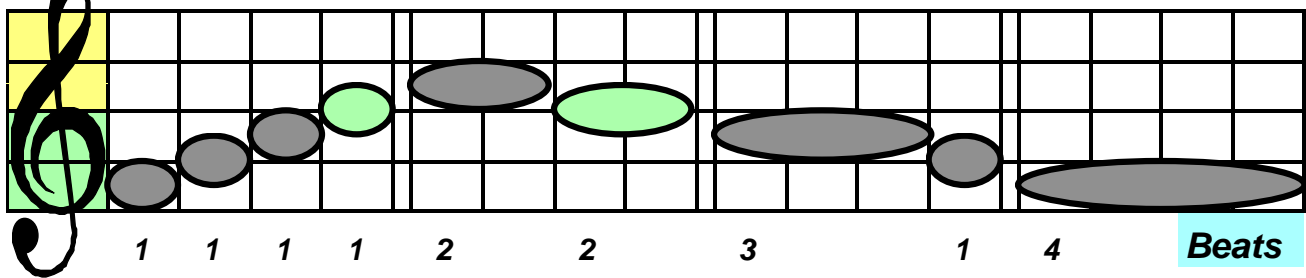


# Traditional Rhythm Notation - Worksheets

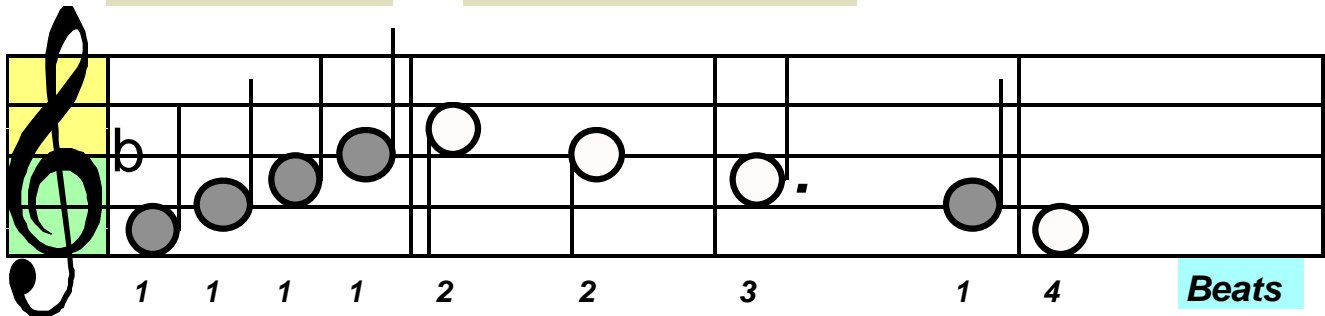
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b: 1 In 4/4 time **Timeline Version**



b: 1 In 4/4 time **Traditional Version**



**From the Music  
Innovator's Workshop**

# Relative Time Values in Traditional Rhythm Notation

## Note Name With Note Names and Beat Counting Symbols

**In 4/4 time with the quarter note as the beat.\***

**Whole Note**

**Half Notes**

**Quarter Notes**

**Eighth Notes**

**Sixteenth Notes**

*(The dot after a note extends the note by half its time value.)*

**Dotted Half Note**

**Dotted Quarter Notes**

**Eighth Notes**

# Relative Time Values Notated on Timelines

## With Note Names and Beat Counting Symbols

**Note Name** *In 4/4 time with the beats marked with vertical lines:*

**4 Beat Note**

**2 Beat Notes**

**1 Beat Notes**

**Half Beat Notes**

**Quarter Beat Notes**

The time length of each note is determined by the horizontal space between vertical beat lines. If a note extends between 2 beat lines, it is 1 beat long. If it takes up 1/2 the space, it is a half beat long, if it takes up 2 spaces, it is 2 beats long, etc. As with traditional notation, the actual sizes of the notes have no bearing on their time. Only the note lengths relative to the vertical beat lines matter.

Time is assumed to pass at an even pace between the beat lines - except when the music is accelerating or decelerating. In this case, the time values of the notes are altered accordingly.

*In 3/4 time:*

**3 Beat Note**

Unlike, traditional notes, note color has no bearing on musical time. Color is an independent variable and can be used for a host of other purposes. The standard use of color for the reader's versions is for the natural notes to be gray, the sharps to be yellow, and the flats to be green. (When sharps and flats fall on white keys, they sometimes are colored white.)

*In 6/8 time:*

**1 Beat Notes**

*In 6/8 time:*

**Third Beat Notes**

6/8 time has no special effect on timelines. Beats are simply coordinated with the vertical lines marking them. Constant speed is assumed between the beat marks.

## ***Instructions for the Following Worksheet Pages***

***The purpose of these worksheets is to help you develop a better understanding of how rhythm notation works and, of course, to enable you to read and play the rhythm notation more easily, quickly, and accurately.***

***The worksheet pages consist of some familiar songs that have only the pitch notated. The rhythm component is left out so that you can fill it in with the necessary stems, flags, bars and dots. The pages alternate - with the song on the left hand page notated on a timeline. The opposite page on the right is a page of the traditional notes without the rhythm component of the notation. You are to read the rhythm on the timeline version and with that information, complete the version on the worksheet page.***

***The next page shows examples of how you are to mark the worksheet pages of the traditional notation's treble staff with necessary stems, bars, flags and dots.***

***About Drawing the Stems - Stems are drawn up or down in the direction of the middle line of the (treble or bass) staff that they are on. Stems of notes on the middle line can go either up or down. Stems drawn up from a note are attached to the right side of the note. Stems drawn down from a note are attached to the left side of the note.***

### Example - How the Traditional Version is to be Marked With Stems, Bars, Flags and Dots

**b: 1 In 4/4 time** **Timeline Version**

1 1 1 1 2 2 3 1 4 **Beats**

**b: 1 In 4/4 time** **Traditional Version**

**b: 1 In 2/4 time** **Timeline Version**

1/2 1/2 1/2 1/2 1 1/2 1/2 1/2 1/4 3/4 1/4 2 **Beats**

**b: 1 In 2/4 time** **Traditional Version**

# Twinkle, Twinkle, Little Star

Moderately b: 1 4/4

## Timeline Version

Staff 1: Treble clef, key signature one flat, 4/4 time. Chords: F, Bb, F, C, F. Rhythmic notation: quarter notes, half notes, quarter notes, quarter notes.

Staff 2: Treble clef, key signature one flat, 4/4 time. Chords: C, F, C, C, C. Rhythmic notation: quarter notes, half notes, quarter notes, quarter notes.

Staff 3: Treble clef, key signature one flat, 4/4 time. Chords: C, C7. Rhythmic notation: quarter notes, quarter notes, quarter notes, quarter notes.

Staff 4: Treble clef, key signature one flat, 4/4 time. Chords: Bb, C, F, C, F. Rhythmic notation: quarter notes, half notes, quarter notes, quarter notes.

# Twinkle, Twinkle, Little Star

Moderately b: 1 4/4

## Traditional Version

First musical staff with treble clef and a yellow-green highlighted first measure. It contains three measures of music. Above the staff are the chord labels: F, Bb, F, C, F. The notes are: Measure 1: F4 (grey), F4 (grey); Measure 2: Bb4 (grey), Bb4 (grey), F4 (white); Measure 3: C4 (grey), C4 (grey), F4 (grey), F4 (grey).

Second musical staff with treble clef and a yellow-green highlighted first measure. It contains three measures of music. Above the staff are the chord labels: C, F, C, F, C. The notes are: Measure 1: C4 (grey), C4 (grey), F4 (white); Measure 2: C4 (grey), C4 (grey), F4 (grey), F4 (grey); Measure 3: F4 (grey), F4 (grey), C4 (white).

Third musical staff with treble clef and a yellow-green highlighted first measure. It contains three measures of music. Above the staff are the chord labels: F, C, F, C7, F. The notes are: Measure 1: F4 (grey), F4 (grey), C4 (grey), C4 (grey); Measure 2: F4 (grey), F4 (grey), C4 (white); Measure 3: F4 (grey), F4 (grey).

Fourth musical staff with treble clef and a yellow-green highlighted first measure. It contains three measures of music. Above the staff are the chord labels: Bb, F, C, F, F, C, F. The notes are: Measure 1: Bb4 (grey), Bb4 (grey), F4 (white); Measure 2: C4 (grey), C4 (grey), F4 (grey), F4 (grey); Measure 3: C4 (grey), C4 (grey), F4 (white).

# Ode to Joy

Moderately 4/4 #/b: 0

Ludwig van Beethoven

## Timeline Version

Timeline notation for the first measure of 'Ode to Joy'. The staff is divided into four measures. Above the staff, the chords are labeled C, G, C, and G. The notes are represented by grey circles on a five-line staff. The first measure contains a quarter note C4, a quarter note E4, and a quarter note G4. The second measure contains a quarter note F4, a quarter note A4, and a quarter note B4. The third measure contains a quarter note G4, a quarter note E4, and a quarter note C4. The fourth measure contains a quarter note B3, a quarter note A3, and a quarter note G3.

Timeline notation for the second measure of 'Ode to Joy'. The staff is divided into five measures. Above the staff, the chords are labeled C, F, C, G, and C. The notes are represented by grey circles on a five-line staff. The first measure contains a quarter note C4, a quarter note E4, and a quarter note G4. The second measure contains a quarter note F4, a quarter note A4, and a quarter note B4. The third measure contains a quarter note G4, a quarter note E4, and a quarter note C4. The fourth measure contains a quarter note B3, a quarter note A3, and a quarter note G3. The fifth measure contains a quarter note F3, a quarter note E3, and a quarter note D3.

Timeline notation for the third measure of 'Ode to Joy'. The staff is divided into eight measures. Above the staff, the chords are labeled G, C, G, C, G, E, Am, D, and G. The notes are represented by grey circles on a five-line staff. The first measure contains a quarter note G4, a quarter note E4, and a quarter note C4. The second measure contains a quarter note B4, a quarter note A4, and a quarter note G4. The third measure contains a quarter note F4, a quarter note E4, and a quarter note D4. The fourth measure contains a quarter note C4, a quarter note B3, and a quarter note A3. The fifth measure contains a quarter note G3, a quarter note F3, and a quarter note E3. The sixth measure contains a quarter note D3, a quarter note C3, and a quarter note B2. The seventh measure contains a quarter note A2, a quarter note G2, and a quarter note F2. The eighth measure contains a quarter note E2, a quarter note D2, and a quarter note C2.

Timeline notation for the fourth measure of 'Ode to Joy'. The staff is divided into five measures. Above the staff, the chords are labeled C, F, C, G, and C. The notes are represented by grey circles on a five-line staff. The first measure contains a quarter note C4, a quarter note E4, and a quarter note G4. The second measure contains a quarter note F4, a quarter note A4, and a quarter note B4. The third measure contains a quarter note G4, a quarter note E4, and a quarter note C4. The fourth measure contains a quarter note B3, a quarter note A3, and a quarter note G3. The fifth measure contains a quarter note F3, a quarter note E3, and a quarter note D3.



# Ode to Joy

Ludwig van Beethoven

Moderately 4/4 #/b: 0

## Traditional Version

The image displays four staves of musical notation for the 'Ode to Joy' melody. Each staff begins with a treble clef and a key signature of one flat (Bb). The notation uses grey circles for notes and stems. The first staff has a yellow highlight on the first measure and a green highlight on the second measure. Above each staff are chord symbols: C, G, C, G; C, F, C, G, C; G, C, G, C, G, E, Am, D, G; C, F, C, G, C.

# At Pierrot's Door

Moderately 4/4 #:1

Old French Folk Song

## Timeline Version

G D G D G D7 G

G C Cm G D G D7 G

A7 D A D7

G D G D G D7 G

# At Pierrot's Door

Moderately 4/4 #1

Old French Folk Song

## Traditional Version

G D G G D7 G

G C Cm G D G D7 G

A7 A D7

G D G D G D7 G

# Michael Row the Boat Ashore

Moderately 4/4 #/b: 0

Timeline Version

C

F C Em

Dm C Dm G7 C

# Michael Row the Boat Ashore

## Traditional Version

Moderately 4/4 #/b: 0

C

F C Em

Dm C G7 C

# Bingo

Traditional Game Song

## Timeline Version

Brightly 4/4 #: 1

G C D G D G

The first system of the musical score is written on a treble clef staff. The first measure is highlighted in yellow and contains a quarter note G. The second measure contains two eighth notes G and C. The third measure contains two eighth notes C and D. The fourth measure contains two eighth notes G and D. The fifth measure contains a quarter note G. The sixth measure contains a quarter note D. The seventh measure contains a quarter note G. The eighth measure contains a quarter note G. The notes are represented by grey circles on the staff, with some circles connected by lines to indicate eighth notes.

Em Am D G C Am

The second system of the musical score is written on a treble clef staff. The first measure is highlighted in yellow and contains a quarter note G. The second measure contains a quarter note G. The third measure contains two eighth notes G and C. The fourth measure contains two eighth notes C and D. The fifth measure contains two eighth notes G and D. The sixth measure contains a quarter note G. The seventh measure contains a quarter note D. The eighth measure contains a quarter note G. The ninth measure contains a quarter note D. The tenth measure contains a quarter note G. The notes are represented by grey circles on the staff, with some circles connected by lines to indicate eighth notes.

D7 C G

The third system of the musical score is written on a treble clef staff. The first measure is highlighted in yellow and contains a quarter note G. The second measure contains a quarter note G. The third measure contains a quarter note G. The fourth measure contains a quarter note G. The notes are represented by grey circles on the staff, with some circles connected by lines to indicate eighth notes.

# Bingo

Traditional Game Song

## Traditional Version

Brightly 4/4 #: 1

G C D G D G

The first system of music is written on a treble clef staff. It consists of three measures. The first measure contains a quarter note G4. The second measure contains two quarter notes: C4 and D4. The third measure contains six quarter notes: G4, D4, G4, D4, G4, and D4. The notes are represented by grey circles on a five-line staff.

Em Am D G

The second system of music is written on a treble clef staff. It consists of two measures. The first measure contains four quarter notes: E4, D4, C4, and B3. The second measure contains four quarter notes: A3, G3, F3, and E3. The notes are represented by grey circles on a five-line staff.

C Am D7 C G

The third system of music is written on a treble clef staff. It consists of two measures. The first measure contains five quarter notes: C4, D4, E4, F4, and G4. The second measure contains five quarter notes: G4, F4, E4, D4, and C4. The notes are represented by grey circles on a five-line staff.

# Home on the Range - chorus

Moderately 3/4 #: 1

Kelley

## Timeline Version

G D7 G

Em A7 D7

G C Cm

G D7 G



# Home on the Range - chorus

Moderately 3/4 #: 1

Kelley

## Traditional Version

Staff 1: Treble clef. Chords: G, D7, G. Notes: G4, A4, B4, C5, D5, E5, F5, G5.

Staff 2: Treble clef. Chords: Em, A7, D7. Notes: G4, A4, B4, C5, D5, E5, F5, G5.

Staff 3: Treble clef. Chords: G, C, Cm. Notes: G4, A4, B4, C5, D5, E5, F5, G5.

Staff 4: Treble clef. Chords: G, D7, G. Notes: G4, A4, B4, C5, D5, E5, F5, G5.

# Yankee Doodle

Lively 2/4 b: 1

## Timeline Version

F C7 F C7 F

Bb C7 F Bb

F Bb F C7

F

# Yankee Doodle

Lively 2/4 b: 1

## Traditional Version

*F* *C7* *F* *C7* *F*

*Bb* *C7* *F* *Bb*

*F* *Bb* *F* *C7*

*F*

# AMERICA

**Moderately 3/4 #:1**

## Timeline Version

G            A        D7                    G        Em    Am        G            B    Em

Am    G        D7        G

D7                                    G    D            G        C    G    Am        G            Am    G

C        G        D7        G

# AMERICA

**Moderately 3/4 #:1**

## Traditional Version

Chords: G A D7 G Em Am G B Em

Chords: Am G D7 G

Chords: D7 G D G C G Am G Am G

Chords: C G D7 G

# Twinkle, Twinkle, Little Star

Moderately #: 4 4/4

## Timeline Version

Staff 1: Treble clef, 4/4 time signature. Chords: E, A, E, B, E. Notes: G4, A4, B4, C5, D5, E5. Rhythm: quarter, quarter, eighth, eighth, quarter, quarter, eighth, eighth.

Staff 2: Treble clef, 4/4 time signature. Chords: B, E, B, E, B. Notes: F#4, G#4, A4, B4, C5, D5, E5. Rhythm: quarter, quarter, eighth, eighth, quarter, quarter, eighth, eighth.

Staff 3: Treble clef, 4/4 time signature. Chords: E, B, E, B7, E. Notes: G4, A4, B4, C5, D5, E5. Rhythm: quarter, quarter, eighth, eighth, quarter, quarter, eighth, eighth.

Staff 4: Treble clef, 4/4 time signature. Chords: A, E, B, E, B, E. Notes: G4, A4, B4, C5, D5, E5. Rhythm: quarter, quarter, eighth, eighth, quarter, quarter, eighth, eighth.

# Twinkle, Twinkle, Little Star

#: 4 4/4

## Traditional Version

*E*                      *A*      *E*                      *B*                      *E*

*B*                      *E*                      *B*                      *E*                      *B*

*E*                      *B*                      *E*                      *B7*                      *E*

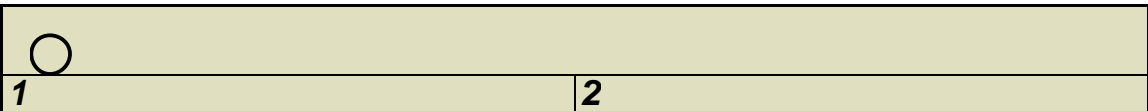
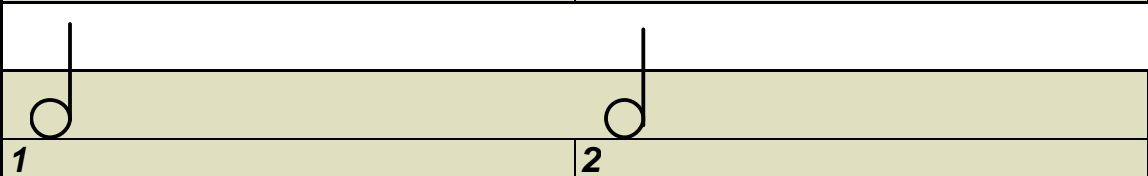
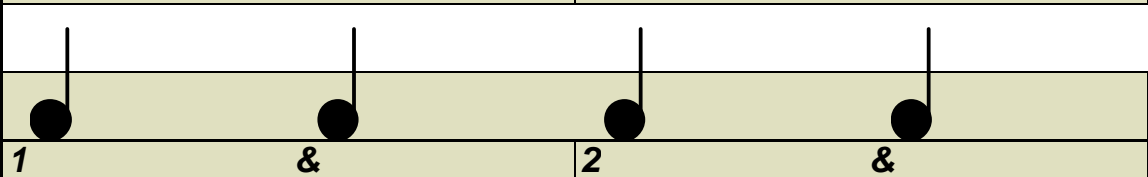
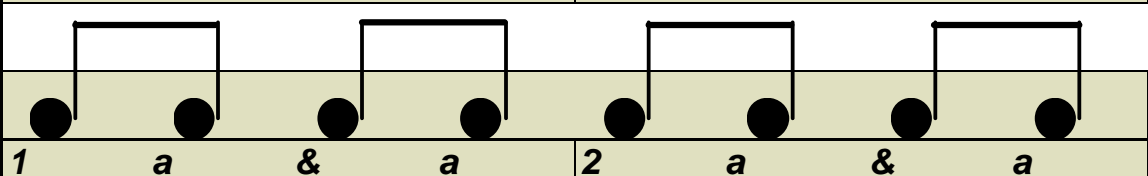
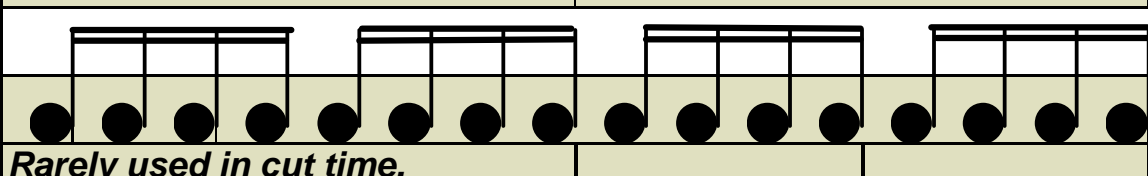
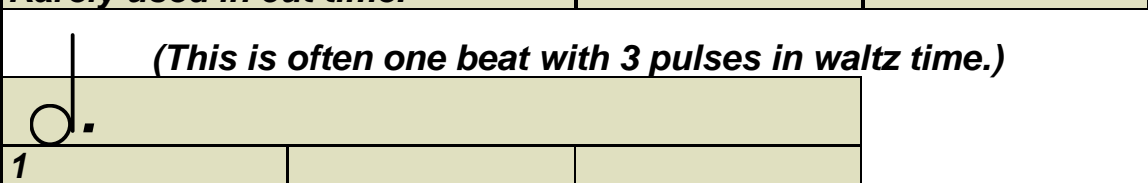
*A*                      *E*                      *B*                      *E*                      *B*                      *E*

# Relative Time Values in Traditional Rhythm Notation

With Note Names and Beat Counting Symbols

NAME

**In 4/4 cut time with the half note as the beat.\***

Whole	
Half	
Quarter	
Eighth	
Sixteenth	
Dotted Half	

## About the Charts on This and the Next Page

*These charts show you how the beat values of the traditional notes are sometimes altered for very slow or very fast music. The charts show the relative values of the notes when the half note is set as the beat, and when the eighth note is set as the beat.*

*Occasionally you will find music where the dotted half note is set as the beat. This is how waltz music is normally notated. The rhythm is shown as 3/4 time which means that each measure filled with a dotted quarter note or its equivalent. With this setup, you actually have only one beat to the measure. But it works wonderfully for this type of dance music.*



# Relative Time Values in Traditional Rhythm Notation

With Note Names and Beat Counting Symbols

NAME **In 4/4 extended time with the eighth note as the beat.\*** Rather rare.

**Whole**

**Half**

**Quarter**

**Eighth**

**Sixteenth**

**Dotted Half**

(The dot after a note extends the note by half its time value.)

**Dotted Quarter**

(in 6/8 time)

**Eighth**

(in 6/8 time)

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