**Subject: Music**

**Section: Music Theory**

**Lesson: Durations (Notes 4)**

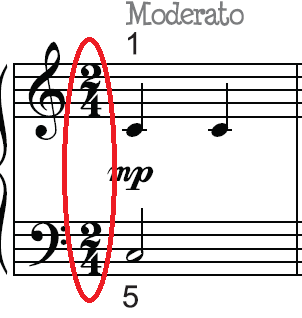
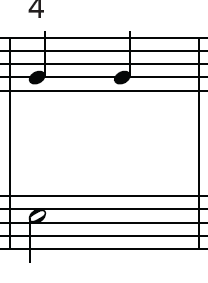
Vocab:

Duration, Beat, Tempo, Rhythm, Time Signature, Measure, Quarter Note, Half Note, Whole Note, Eighth Note, Sixteenth Note, Dot, Rests

A duration is the length of a note. Rhythm is the way music is organized in time. A series of durations creates a rhythm.

A beat is a steady rhythm that is not always audible in music. If you were to count to a tune, you would be counting its beats. How fast the beat is (and overall, the speed of the song is) called the tempo. Tempo is measured in Beats Per Minute (BPM)



A B C D

A) A time signature tells you which and how many beats there are in a measure. In this arrangement of Twinkle Twinkle, the time signature is 2/4. The number on top tells you how many beats there are in a measure. There are two beats per measure in this song The number on the bottom tells you which note gets the beat. A four means a quarter not gets a beat, an eight means an eighth note gets a beat, a two means a half note gets a beat, and a sixteen means a sixteenth note gets a beat.

This would be counted:

Twin kle Twin kle Lit tle Star

One Two One Two One Two One Two

B) A measure is an organization of the beat. The number of beats per measure can be found in the time signature.

C) A bar line separates measures.

D) This is the tempo. It is at moderato, which means moderately.

http://eartrainingonline.net/wp-content/uploads/2011/12/quarter-note.jpg This is a quarter note. It receives one beat in 4/4 time.

http://eartrainingonline.net/wp-content/uploads/2011/12/half-note.jpg This is a half note. It is worth two beats in 4/4 time. It is equal to two quarter note.

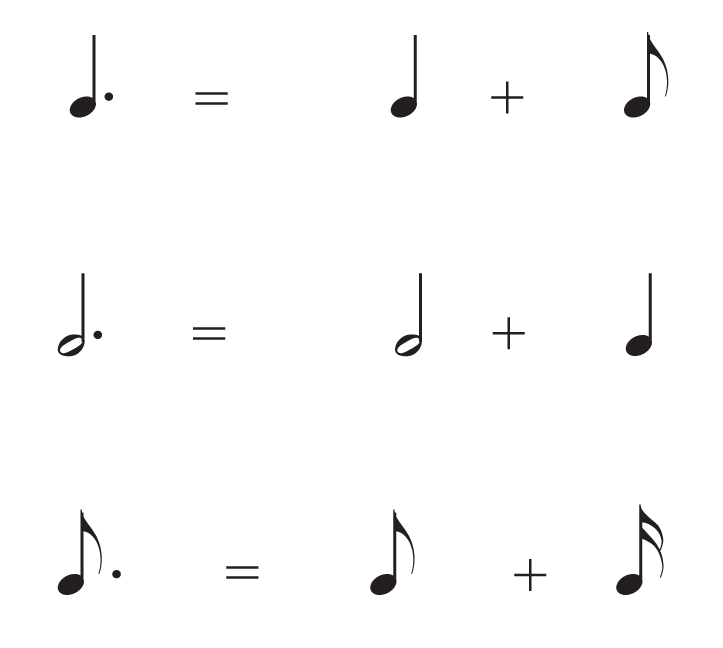
 This is a whole note. It is worth four beats in 4/4 time. It is equal to two half notes.

http://clipartpictures.org/images/stories/musicclipart/harp/Eighth_Note_Music_Clipart_Pictures.png This is an eighth note. It is worth half a beat in 4/4 time. Two eighth notes make a quarter note.

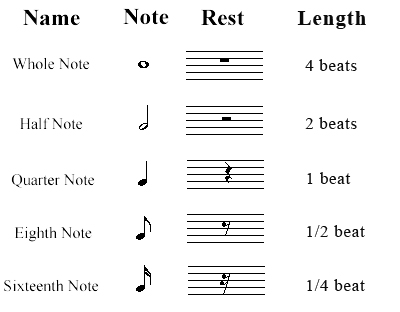
 These are two eighth notes. They are connected with a beam.

 This is a sixteenth note. It is worth a fourth of a beat in 4/4 time. Four sixteenth notes makes a quarter note.

http://i-love-guitar.com/images/rhythms/sixteenth_notes.gif These are four sixteenth notes.



A dot means add half the duration of that note to that note. A dotted half note is worth three beats.



A rest represents silence. Like notes, it is counted in beats.

