

MVMI - MUSIC THEORY

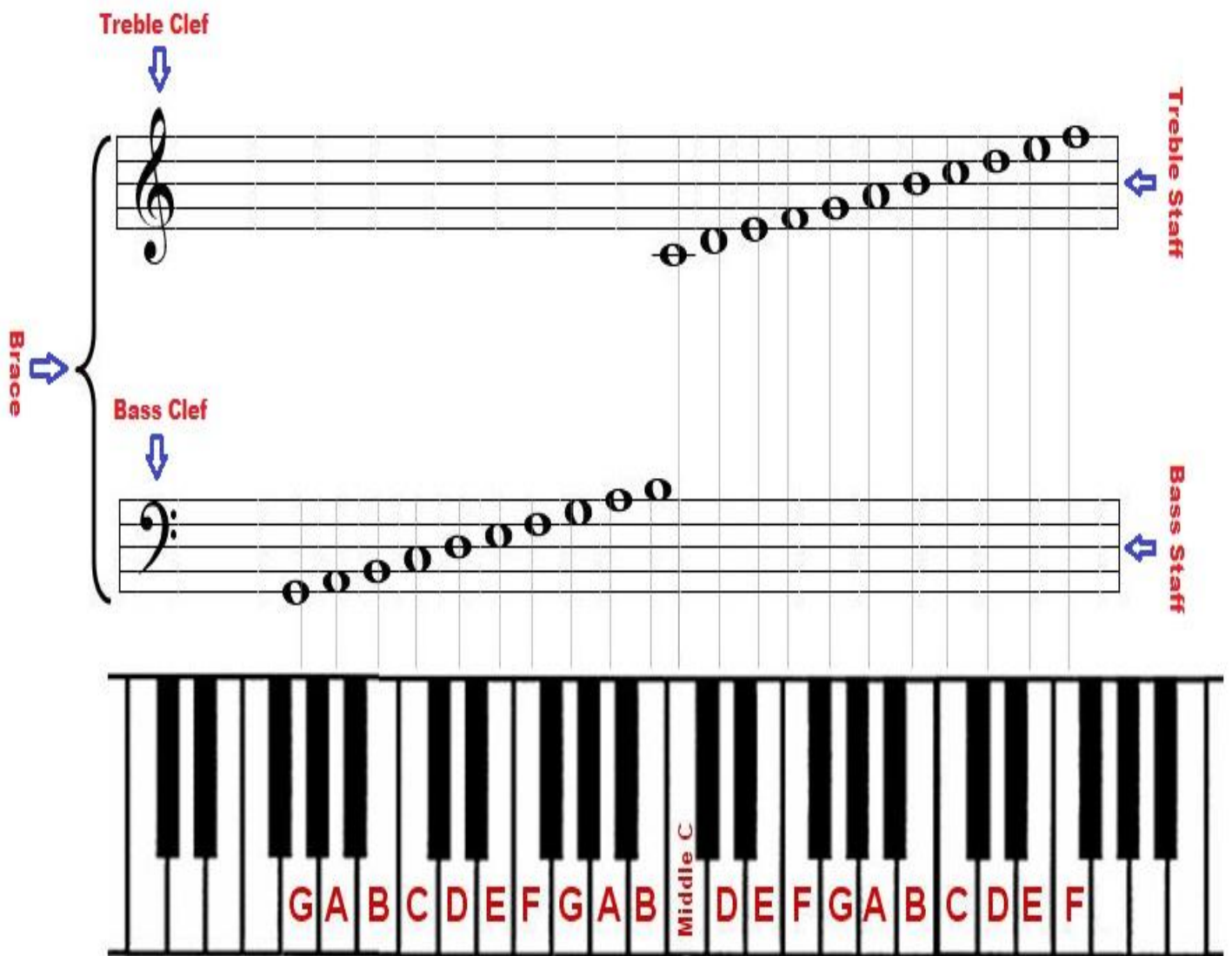
Packet #1



Staff, Notes, Pitches:

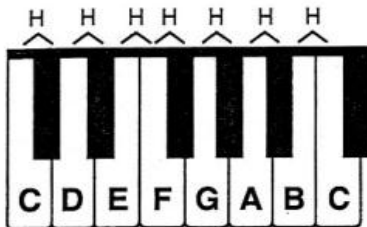
The Grand Staff

The BASS STAFF and TREBLE STAFF when joined together by a BRACE, make up the GRAND STAFF.

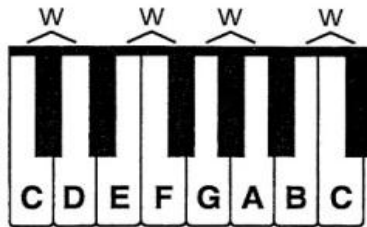


WHOLE STEPS, HALF STEPS, ENHARMONIC TONES

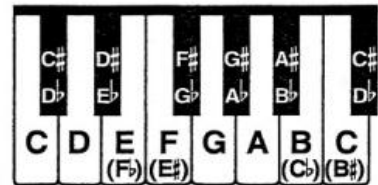
The distance from any key on the keyboard to the very next key above or below, whether black or white, is a HALF STEP (H).



The distance from any key to two keys above or below, is a WHOLE STEP (W).



The key a half step up from C is C#. This key is also a half step down from D, and is also known as Db.

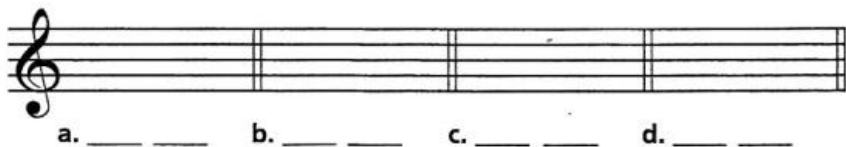


Many notes sound the same but are written differently. These notes are called ENHARMONIC NOTES.

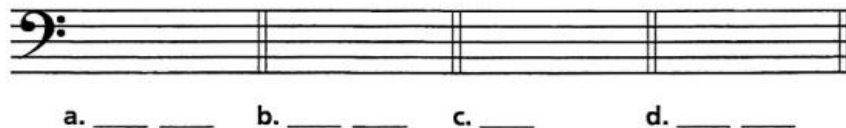
Exercises

- 1** The enharmonic note for F \flat is _____. The enharmonic note for E \sharp is _____.
The enharmonic note for C \flat is _____. The enharmonic note for B \sharp is _____.

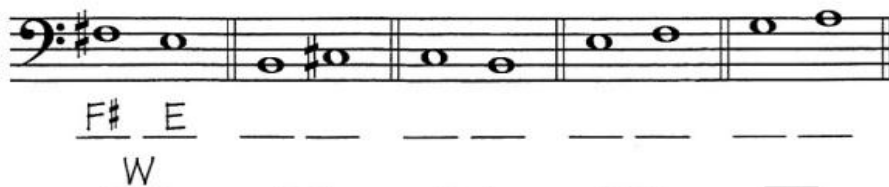
- 2** Write the 2 indicated enharmonic notes on the staff and name the notes in the spaces below:
- one half step above G
 - one half step below F
 - one half step below B
 - one half step above D



- 3** Write the indicated notes on the staff and the name of the note in the spaces below. If there are enharmonic notes, write both.
- one whole step above G \sharp
 - one whole step below F
 - one whole step below A
 - one whole step above E



- 4** Name the notes and indicate whether the distance between each pair of notes is a whole step (W) or a half step (H).



Accidentals:

b – lowers the note one half step (flat)

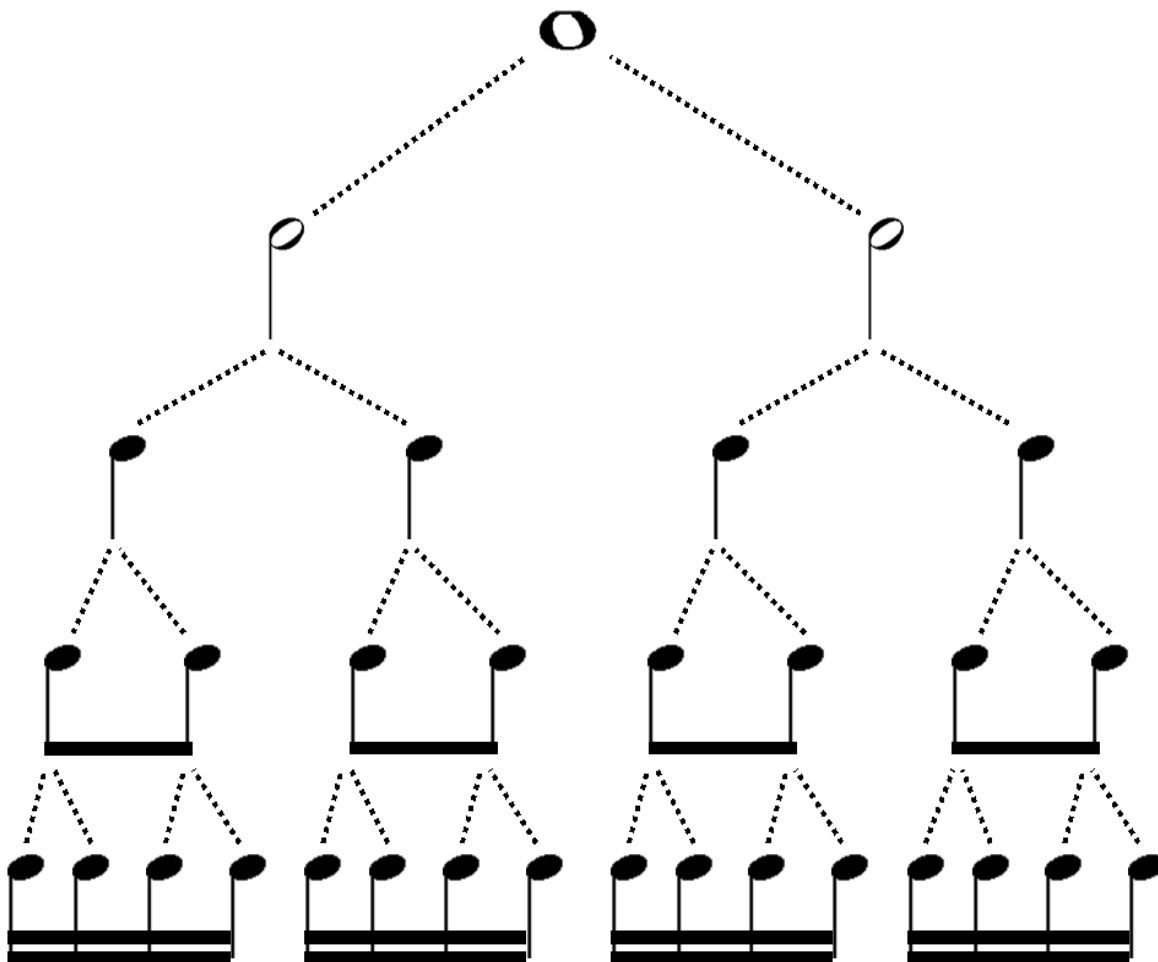
bb - lowers the note two half steps (double flat)

♮ - cancels out the previous marking of # or b (natural)



- raises the note one half step (sharp)

X - raises the note two half steps (double sharp)

Hierarchy of Notes:



Dynamic Markings:

Term	Symbol:	Effect:
pianissimo	<i>pp</i>	very soft
piano	<i>p</i>	soft
mezzo piano	<i>mp</i>	moderately soft
mezzo forte	<i>mf</i>	slightly loud
forte	<i>f</i>	loud
fortissimo	<i>ff</i>	very loud
fortepiano	<i>fp</i>	loud then soft
sforzando	<i>sfz</i>	sudden accent
crescendo		gradually louder
diminuendo		gradually softer

Tempo Markings:

Slow:

- *Larghissimo* – very, very slow (19 BPM and under)
- *Grave* – slow and solemn (20–40 BPM)
- *Lento* – slowly (40–45 BPM)
- *Largo* – broadly (45–50 BPM)
- *Larghetto* – rather broadly (50–55 BPM)
- *Adagio* – slow and stately (literally, "at ease") (55–65 BPM)
- *Adagietto* – rather slow (65–69 BPM)
- *Andante moderato* – a bit slower than andante (69–72 BPM)
- *Andante* – at a walking pace (73–77 BPM)
- *Andantino* – slightly faster than andante (although in some cases it can be taken to mean slightly slower than andante) (78–83 BPM)
- *Marcia moderato* – moderately, in the manner of a march (83–85 BPM)
- *Moderato* – moderately (86–97 BPM)

Fast:

- *Allegretto* – moderately fast (98–109 BPM)
- *Allegro* – fast, quickly and bright (109–132 BPM)
- *Vivace* – lively and fast (132–140 BPM) (quicker than allegro)
- *Vivacissimo* – very fast and lively (140–150 BPM)
- *Allegrissimo* – very fast (150–167 BPM)
- *Presto* – very fast (168–177 BPM)
- *Prestissimo* – extremely fast (178 BPM and over)

Scales, Tonality, Key Signatures:

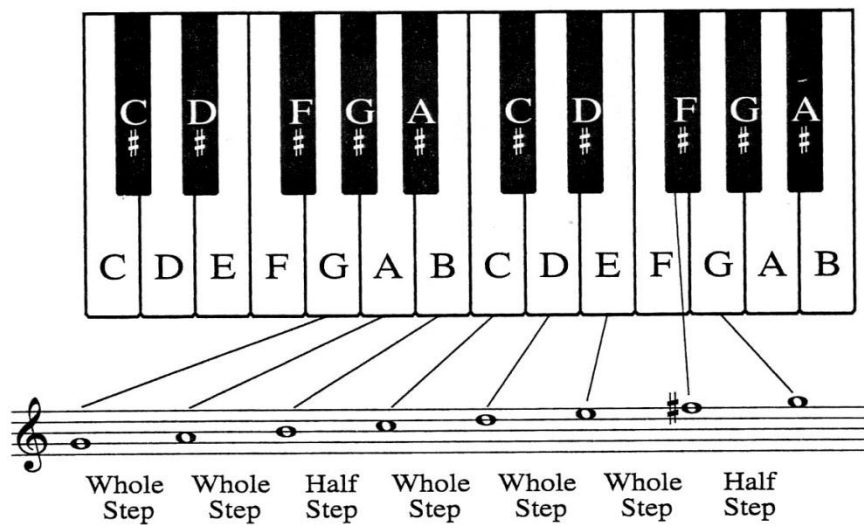
Scale - any set of **musical** notes ordered by fundamental frequency or pitch (using their alphabet names). A **scale** ordered by increasing pitch is an ascending **scale**, and a **scale** ordered by decreasing pitch is a descending **scale**. Some **scales** contain different pitches when ascending than when descending.

Tonality – a system that arranges pitches or chords to induce a hierarchy of perceived relations, stabilities, and attractions. The pitch or triadic chord with the greatest stability is called the tonic. The tonic is the tone of complete relaxation. The root of the tonic chord is considered to be the key of a piece or song.

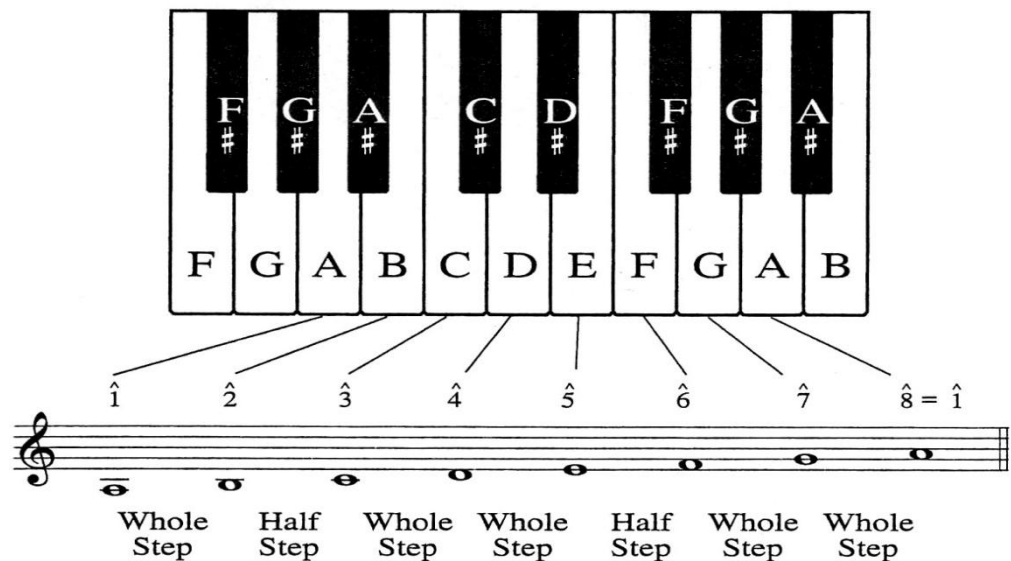
Key - a group of pitches, or scale upon which a music composition is created (usually in Major or Minor mode in the tonal system) in classical, Western art, and Western pop music.

Mode – a specific group of pitches built on a series of whole steps, half steps or combination of the two with a central pitch or tone

Major Scale:



Natural or Pure Minor:



Harmonic Minor:

$\hat{1}$ $\hat{2}$ $\hat{3}$ $\hat{4}$ $\hat{5}$ $\hat{6}$ $\hat{7}$ $\hat{8} = \hat{1}$

Whole Step Half Step Whole Step Whole Step Half Step Step and a Half Half Step

Melodic Minor:

$\hat{1}$ $\hat{2}$ $\hat{3}$ $\hat{4}$ $\hat{5}$ * $\hat{6}$ $\hat{7}$ $\hat{8} = \hat{1}$

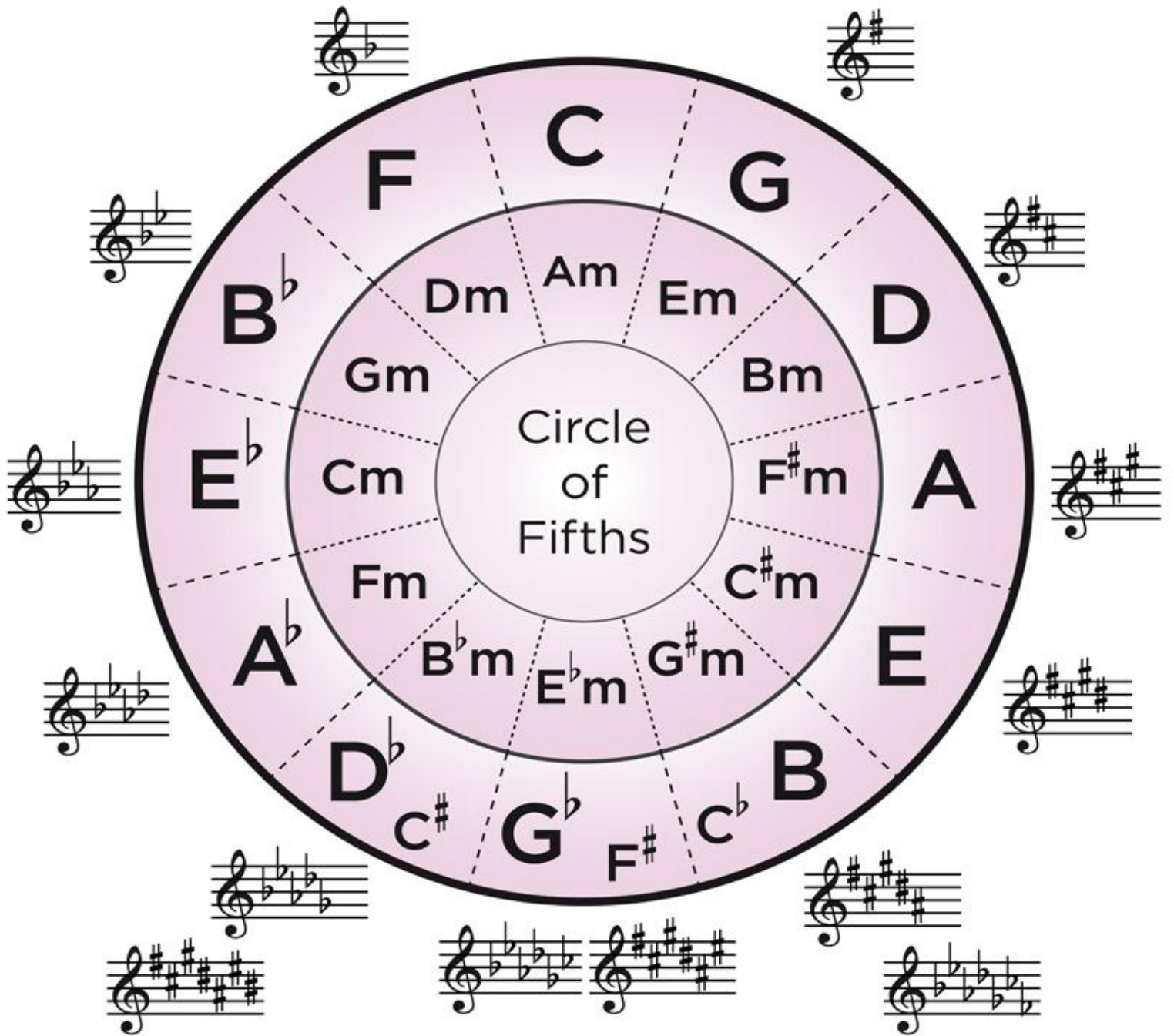
Whole Step Half Step Whole Step Whole Step Whole Step Whole Step Half Step

$\hat{8} = \hat{1}$ $\downarrow \hat{7}$ $\downarrow \hat{6}$ $\hat{5}$ $\hat{4}$ $\hat{3}$ $\hat{2}$ $\hat{1}$

Whole Step Whole Step Half Step Whole Step Whole Step Half Step Whole Step

*Arrows are used to distinguish between the raised and lowered scale degrees in melodic minor.

Circle of Fifths:



LISTENING – Interval Recognition

Interval	Ascending	Descending
m2	Jaws San Francisco (Left my heart) Bye Bye Black Bird Stormy Weather It's Been a Hard Day's Night (Beatles)	O Little Town of Bethlehem Joy to the World Fur Elise Hernando's Hideaway
M2	Happy Birthday Rudolf the Red Nosed Reindeer Silent Night Frere Jacques Doe, a Deer (Sound of Music)	Mary had a Little Lamb Deck the Halls Away in a Manger Yesterday (Beatles) Three Blind Mice Whistle While You Work Mary Had a Little Lamb M.A.S.H.
m3	The Impossible Dream O Canada Brahm's Lullaby Greensleeves	Frosty the Snowman Misty When Irish Eyes are Smiling Hey Jude Star Spangled Banner
M3	Oh When the Saints Kum Ba Yah From the Halls of Montezuma {Big Ben Sounding the Hour?}	Beethoven's Fifth Swing Low Sweet Chariot Good Night Ladies Summertime
P4	Here Comes the Bride Hark the Herald Angels Sing Oh Christmas Tree We Wish You a Merry Christmas Love me Tender Auld Lang Syne Amazing Grace Someday my Prince Will Come Day is Done (Taps)	Shave and a Haircut Oh Come All Ye Faithful Born Free I've Been Working on the Railroad
TT	Maria (West Side Story) The Simpsons	Blue Seven (Sonny Rollins) European Siren
P5	Twinkle, Twinkle Theme from 2001 Theme From Peanuts	Feelings Mozart's Minuet in G Flintstones
m6	Go Down Moses The Entertainer (third and fourth notes)	Nobody Knows the Trouble I've Seen Love Story Theme
M6	My Bonnie Lies Over the Ocean NBC Dashing Through the Snow	Nobody Knows the Troubles I've Seen O-ver There
m7	There's a Place for Us (West Side Story) Old Star Trek Theme Somewhere (West Side Story)	Watermelon Man (H. Hancock) Theme from American in Paris
M7	Superman Bali Hai (South Pacific)	I Love You (?) "Hee Haw" From the Grand Canyon Suite
P8	Somewhere Over the Rainbow A Christmas Song (Chestnuts Roasting) Let it Snow!	There's No Business Like Show Business (Notes 2-3)