SEHS BAND THEORYPACKET #1

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DILE:

DATE:

PERIOD:

Music is written on a staff. A staff consists of five lines equally spaced.

This is a staff

The distance between any two lines of the staff is called a space. There are four spaces in a staff.

Lines and spaces are numbered

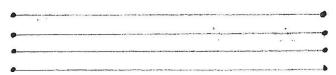
line 5 → space 4
line 4 → space 3
line 2 → space 2
line 1 → space 1

In numbering the lines and spaces, always begin with the lowest line or space and count up.

STUDENT ASSIGNMENT

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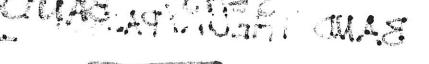
1. Draw a staff using the dots below for guides. (Use your pencil and a ruler.)

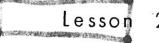


(From this dot -> - to this dot first.)

- 2. How many lines are there in a music staff?
- 3. How many spaces are there in a music staff?
- 4. The top line of the staff is line number?
- 5. The middle line of the staff is line number?_____
- 6. The top space of the staff is space number?

MEMORIZE: A music staff has five lines and four spaces.





THE CLEF SIGNS

Αt	the	beginning	of	ечегу	staff	you	will	find	a	clef	sign	which	gives	a	letter	name
to	a de	efinite line	or	space							_					

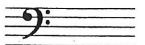
This is a TREBLE, or G clef sign.



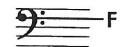
The treble, or G clef sign, gives the letter name G to the second line of the staff.



This is a BASS, or F clef sign.



The bass, or F clef sign, gives the letter name F to the fourth line of the staff.



In this Music Theory book we will use both the treble, or G clef sign, and the bass, or F clef sign.



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- 1. Draw four treble (or G) clef signs here.
- 2. Draw four bass (or F) clef signs here.
- The treble (or G) clef sign circles staff line number?
- 4. What is the letter name of line two in the treble clef?____
- 5. In the bass (or F) clef sign, what staff line lies between the two dots?_____
- 6. What is the letter name of line four in the bass clef?____

MEMORIZE: The treble, or G, clef names the second line of the staff - G.

The bass, or F, clef names the fourth line of the staff - F.

LINE and SPACE NAMES

Each line and space of a staff has a letter name in relation to its clef sign.

The first seven letters of the alphabet are used in naming the lines and spaces of both clefs,

A - B - C - D - E - F - G.

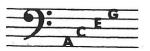
The names of the four spaces in the treble clef spell FACE.



In the bass clef they spell A C E - G.

All Cows Eat Corrass

Treble clef _



You can remember the names of the five lines in the treble clef by "Every Good Boy Does Fine".

Ernie Carves Burt Dead Frogs



In the bass clef remember "Good Boys Do Fine Always".

George Bush Drives Fast A/ways.



STUDENT ASSIGNMENT

Date Grade

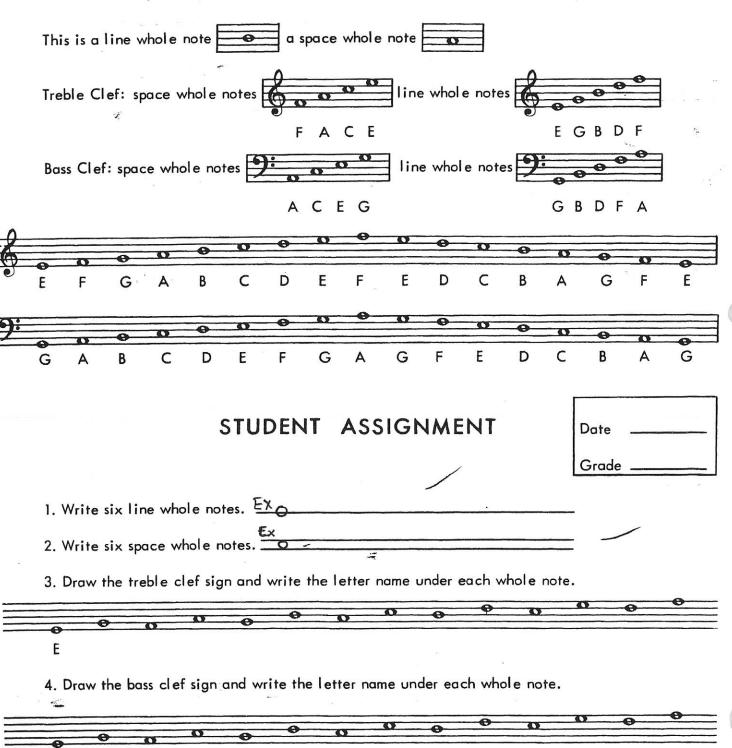
- 1. How many letters of the alphabet are used in naming the lines and spaces of a staff?
- 2. Write the letter names of the spaces in the treble clef.
- 3. Write the letter names of the lines in the bass clef.
- 4. Write the letter names of the lines in the treble clef. _
- 5. Write the letter names of the spaces in the bass clef. _
- 6. Write the letter names of all the lines and spaces from line one to line five on both clefs.

__ Bass clef_

MEMORIZE: The letter names of the lines and spaces of both the treble clef staff and bass clef staff.



Notes are the symbols placed on the lines and in the spaces of the staff to make music.



G



WHOLE - HALF - QUARTER NOTES

A whole note () can be changed into	o other kind	s of notes	s. Add	a stem	to the	whole r	ote
and it becomes a half note (). Fill in	n the whole	note and	add a	stem a	nd it b	ecomes	a
quarter note ().							10 (Sec)

In either clef, stems go up for all notes below the third line

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			-
. 0			
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and stems go down for all notes on the third line or above



Stems going up are attached to the right side of all notes and stems going down are attached to the left side of all notes.

STUDENT ASSIGNMENT

Grade	***
Date	
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- 1. Write four half notes.
- 2. Write six quarter notes.
- 3. Which direction will the stem go for treble clef B ?_____
- 4. Which direction will the stem go for bass clef C ?

MEMORIZE: All notes below the third line - stems up! All notes on or above the third line - stems down!

STUDENT ASSIGNMENT

Date _____

D

	o		
A		8.2	
Write the letter name under each half note.		***	4.5
32			
G			
Write the letter name under each quarter note.			
A THE TETE TAME STACE COST QUARTET TOTAL			-
3			
			()-
D			
W	(MAX)		
Write the letter name under these mixed notes. Sing – using letter name	nes or Loo	or La.	
			0
A			
Write the letter name under these mixed notes (sing).		· .	
5			
A			
Write these whole notes			
6			
G A B D F E D C E	F	Α	G
Write these half notes (watch the stems).			
7 2			
G A B D F E D C E	F	Α	G
Write these quarter notes (watch the stems).			× ·

E

D

C

F - -

THE MEASURE
Music is divided into measures by using bar lines. These are bar lines.
The distance between any two bar lines is called a measure.
These are measures. — measure — measure — measure — measure
When any part of the music is completed, we use a double bar.
This is a double bar indicating ——the end.
STUDENT ASSIGNMENT Date Grade
1. How many bar lines are there in the staff above? 2. How many measures are there in the staff above? ———————————————————————————————————
3. Draw the treble clef sign on the staff below and divide it into four equal measures. Place a double bar at the end.
4. Below: - Draw a treble clef sign - divide the staff into eight measures. Place a double bar at the end - place one whole note in each measure.
The state of the s
5. Below: Draw a bass clef sign - divide the staff into eight measures. Place a double bar at the end - place two half notes in each measure.

Lesson 8

TIME SIGNATURES

At the beginning of every piece of music there is a time signature.	
It is made up of two numbers placed one above the other like this:-	

or 9:3 or 64 etc.

The upper number tells us the number of beats in a measure.

This means there are two beats in each measure.

9:3 This means there are three beats in each measure.

This means there are four beats in each measure.

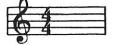
The lower number tells us the kind of a note that gets one beat.

This means that a quarter note () gets one beat.

STUDENT ASSIGNMENT

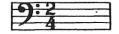
Date _____

1. How many beats are there in each measure of



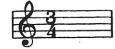
?_____

2. How many beats are there in each measure of



?

3. How many beats are there in each measure of



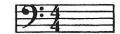
?_____

4. What note receives one beat in



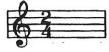
?_____

5. What note receives one beat in



?_____

6. What note receives one beat in



? _____

MEMORIZE: The top number always tells the number of beats in a measure.

The bottom number always tells the kind of note that gets one beat.

Lesson 9

NOTE VALUES

Every note in music receives a certain number of beats. The lower number in the time signature determines the value of each note.

When the lower number of the time signature is 4 the quarter note () receives one beat, the half note () receives two beats, and the whole note () receives four beats.



The numbers connected by a dash apply to the same note and should be counted in a continuous sound.

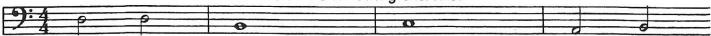
STUDENT ASSIGNMENT

Date _____

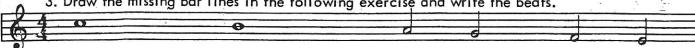
1. Practice counting the following exercise aloud while tapping each beat with your foot evenly and steadily. Don't forget about the dash between numbers.



2. Write the beats under each note in the following exercise.



3. Draw the missing bar lines in the following exercise and write the beats.



__MEMORIZE: When the lower number of the time signature is 4,

the note values are: = 1 beat; = 2 beats; = 4 beats.

Lesson 10 (Review)

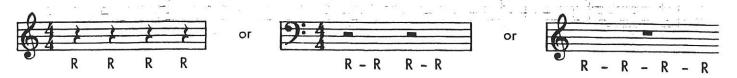
STUDENT ASSIGNMENT Date Grade Write the beats under each note in Ex.1&2. Count aloud as you tap your foot for each beat, then sing with letter names or syllables. Draw in the missing bar lines in Ex.3 & 4. Then write the beats - Count - Tap - Sing. Place the correct time signature in Ex.5 & 6. Then write the beats - Count - Tap - Sing. Using or or or fill in each measure in Ex.7 & 8. Then write the beats and count the time.

REST VALUES

For each note value in music there is an equal rest value. The time signature determines the value of each note or rest.

When the lower number of the time signature is "4", the quarter rest () receives one beat, the half rest () receives two beats and the whole rest () receives four beats. Notice that the half rest () is above the line and the whole rest () is below it.

The beats may be written under the rests like this:- (R = rest



The R's connected by a dash apply to the same rest and should be counted in a continuous sound.

STUDENT ASSIGNMENT

Date ____

1. Practice counting the following exercise aloud while tapping your foot evenly and steadily. Don't forget about the dash between the R's.



2. Write the beats under each note and rest in the following exercise.



- 3. How many half rests equal a whole rest?_____
- 4. How many quarter rests equal a whole rest?
- 5. How many quarter rests equal a half rest?

MEMORIZE: A whole rest equals a whole note. A half rest equals a half note.

A quarter rest equals a quarter note.

Lesson 12 (Review)

STUDENT ASSIGNMENT

Date	
Grade	

Write the beats under each note and rest in Ex.1 & 2. Count aloud as you tap your foot for each beat – then sing with letter names or syllables.



DOTTED NOTES

A Dot (•) may be added to any note used in music. The Dot (•) is equal to one-half the value of the note it follows.

Example:-

A whole note (•) receives 4 beats. The dot-(•) half of this or 2 beats.

The two together receive 6 beats (0 · = 1-2-3-4-5-6).

A Half note (d) receives 2 beats. The dot (•) half of this or 1 beat.

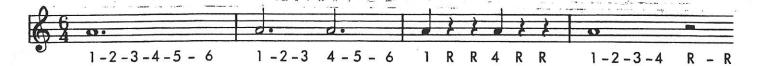
The two together receive 3 beats (-= 1-2-3).

The beats under the dotted notes may be written like this:-







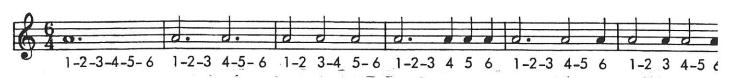


STUDENT ASSIGNMENT

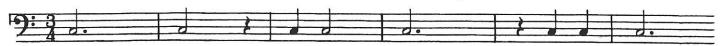
Date ____

Grade _____

- 1. How many half notes equal one dotted whole note?
- 2. How many quarter notes equal one dotted half note?
- 3. Practice counting the following exercise aloud while tapping your foot evenly and steadily. Don't forget the dash between the numbers and rests.



4. Write the beats under each note and rest in the following exercise.



MEMORIZE: A dot after any note is equal to one half the value of the note it follows.

Lesson 14 (Review)

STUDENT ASSIGNMENT

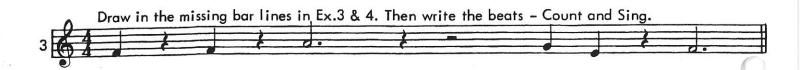
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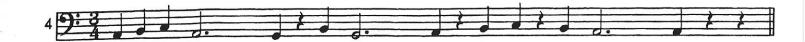
Write the beats under each note and rest in Ex.1 & 2.

Count aloud as you tap your foot for each beat-then sing with letter names or syllables.









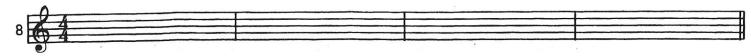
Place the correct time signature in Ex.5 & 6. Then write the beats - Count and Sing.





Using • - d. d - d fill in Ex.7 & 8. Then write the beats below and count time.

	Using e =	- (- iii iii 2 /iii	S. S. India mino me acci.	
6	. 0			
7 2	• 0		<u> </u>	
	-3,-			



LEGER LINES

Leger lines are very short lines added above or below the staff. Notes may be written on these leger lines or in the spaces between the lines. This note is one leger line above the staff two lines above two spaces above This note is one space above the staff This note is one leger line below the staff two lines below two spaces below This note is one space below the staff The names of these added lines and spaces are: Below are all the notes that you have learned so far. ABCDEFG CDEFGAB **ASSIGNMENT** STUDENT 1. What are the letter names of the first four notes above the staff? 2. What are the letter names of the first four notes below the staff? 3. What are the letter names of the first four notes above the 9:staff? 4. What are the letter names of the first four notes below the "staff?.

STUDENT ASSIGNMENT

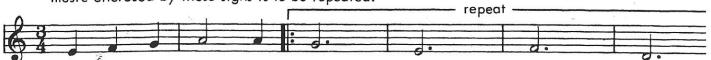
Date _____

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THE REPEAT SIGN FIRST and SECOND ENDINGS

A repeat sign consists of two dots placed before or after a double bar. It indicates that the music enclosed by these signs is to be repeated.



Sometimes this same sign means to go back to the beginning of that particular strain, like this:-



A repeated strain is often marked with a first and second ending. In this case play the 1st ending the first time - repeat the strain then skip the 1st ending and play the 2nd ending.



STUDENT ASSIGNMENT

Date _____



- 1. Which measure is played after measure 4 the first time?
- 2. Which measure is played before measure 5 the second time?



- 1. Which measure is played after measure number 4?_
- 2. Which measure is played before measure number 5?_

MEMORIZE: Play the 1st ending the 1st time, repeat, skip the 1st ending the second time and play the 2nd ending.

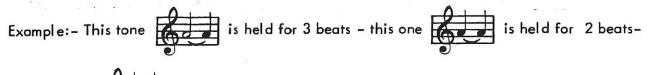
THE TIE



Ties can also cross a bar line joining a note in one measure to a note in the next measure, like the following example:-



Always think of holding the first note through all of the notes that are tied together.



and this one is held for 4 beats.

STUDENT ASSIGNMENT

12.	
Date	
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With a time signature of $\frac{4}{4}$:-

- 1. How many beats will this tone o receive?
- 2. How many beats will this tone of receive?_____
- 3. How many beats will this tone or receive?
- 4. How many beats will this tone do receive?_____
- 5. How many beats will this tone receive?
- 6. How many beats will this tone or receive?_____
- 7. Write the beats under each note and rest in the following exercise.



THE SLUR

A curved line (or) connecting two or more notes on different lines or spaces is called a slur. The following examples are slurs with the beats written below.



Notice that slurs can also cross bar lines.

Think of playing as smooth as possible, without any stop or interruption between any of the notes within a slur.



Remember-the dash between numbers means to count with a continuous sound.

STUDENT ASSIGNMENT

Date _____

- 1. A curved line used to connect notes on different lines or spaces is called a ______.
- 2. A curved line used to connect notes on the same line or space is called a ______.
- 3. In the song "Long, Long Ago" (below) how many slurs are used?
- 4. In the song "Long, Long Ago" how many ties are used?
- 5. Write the beats under each note and rest in "Long, Long Ago".



MEMORIZE: Sturred notes are always on different lines and spaces.

STUDENT ASSIGNMENT

Date	
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Write the beats under each note and rest in Ex.1 & 2.



EIGHTH NOTES

Add a flag to the stem of a quarter note () and it becomes an eighth note ().

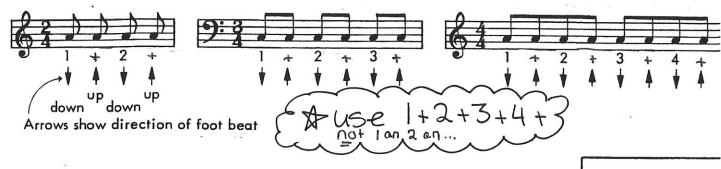
Two eighth notes equal one quarter note:-

Whenever a quarter note is equal to one beat (as in $\begin{pmatrix} 2 & 3 & 4 \\ 4 & 4 & 4 \end{pmatrix}$ time)

an eighth note is equal to one-half of a beat.

When two or more eighth notes are next to one another like this:- I they may be written like this:- or like this:-

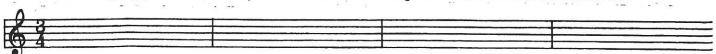
The beats under the eighth notes may be written like this:-



STUDENT ASSIGNMENT

Date _____

- 1. In the staff below put four eighth notes and one quarter note in the first measure.
- 2. Put six eighth notes in the second measure.
- 3. Put a quarter note and four eighth notes in the third measure.
- 4. Put two eighth notes, one quarter note and two eighth notes in the fourth measure.



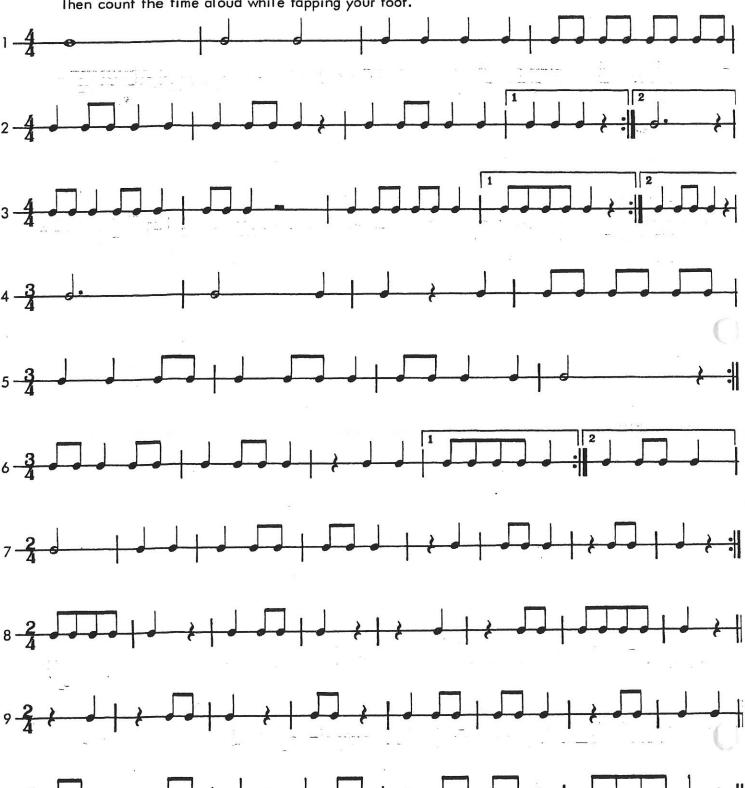
5. Write the beats under each note that you have just written.

STUDENT ASSIGNMENT

Date ____

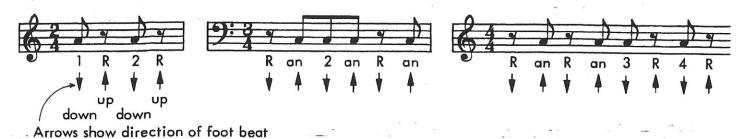
Grade

Write the beats under each note and rest in Ex.1 through 10. Then count the time aloud while tapping your foot.



EIGHTH RESTS

The beats under these eighth notes and eighth rests may be written like this:-



STUDENT ASSIGNMENT

Date	
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- 1. In the staff below fill in the first measure with as many of as needed
- 2. Fill in the second measure with as many of as needed.
- 3. Fill in the third measure with as many 4 as needed.
- 4. Fill in the fourth measure with as many of as needed.



5. Write the beats under each note and rest that you have just written.

Lesson 24 (Review)

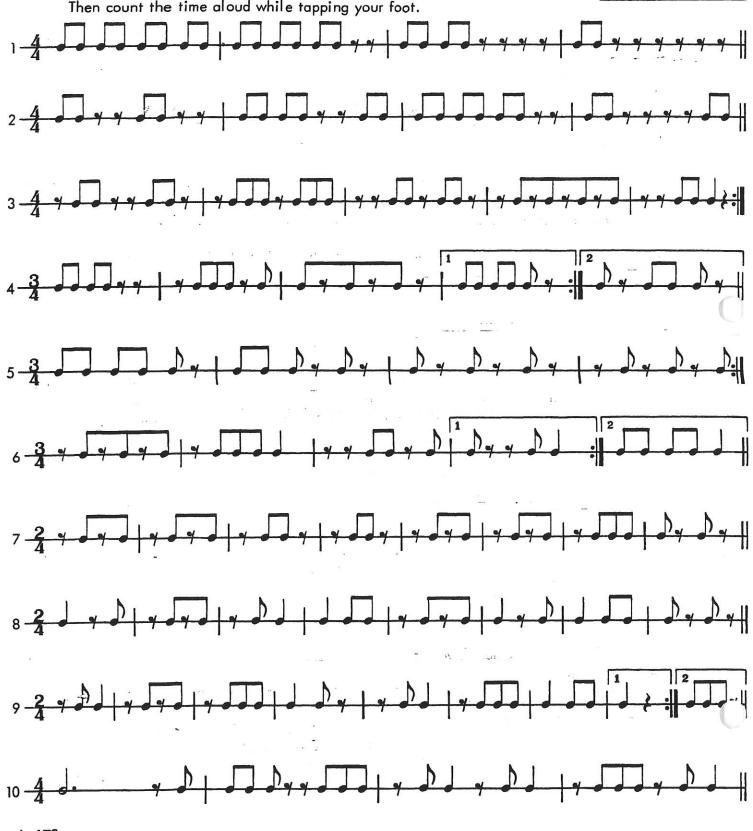


STUDENT ASSIGNMENT

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Write the beats under each note and rest in Ex.1 through 10. Then count the time aloud while tapping your foot.

Grade _____



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DOTTED QUARTER NOTES

In Lesson 13 we learned that - a dot placed after any note is equal to one-half the value of the note it follows.

Therefore: – Whenever a quarter note receives one beat (as in $\begin{pmatrix} 2 & 3 & 4 \\ 4 & 4 & 4 \end{pmatrix}$ time) a dotted quarter note receives one and a half beats.

A quarter note () receives 1 beat. The dot (•) half of this or $\frac{1}{2}$ beat.

The two together receive $1\frac{1}{2}$ beats. (-1-2-an).

Or:- Since a quarter note is equal to two eighth notes () =) a dotted quarter note is equal to three eighth notes ().

The beats under the dotted quarter notes may be written like this:-







STUDENT ASSIGNMENT

Date _____

- 1. How many eighth notes equal one dotted quarter note?
- 2. If the time signature is $\frac{4}{3}$, how many beats does a dotted quarter note receive?
- 3. Write the beats under each note and rest in the following exercises.







MEMORIZE: A dotted quarter note equals three eighth notes. Whenever a quarter note receives one beat, a dotted quarter note receives a beat and a half.

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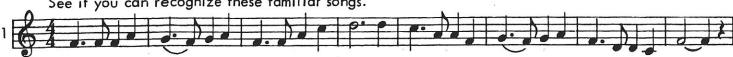
Lesson 26 (Review)

STUDENT ASSIGNMENT

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Grade

Write the beats under each note and rest in Ex.1-2-3. Count - Tap - Sing. See if you can recognize these familiar songs.







Write the letter name under each note in Ex.4 and 5.





Write the beats under each note and rest in Ex.6-7-8. Count - Tap - Sing



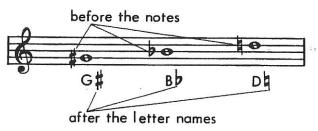




THE FLAT-SHARP-NATURAL

b is called a flat	# is called a sharp	is called a natural
A flat (b) lowers the pitch, or or sound, of a note one-half sta	sound, of a note one-half step. ep. A natural (‡) cancels the ef	A sharp (♯) raises the pitch, fect of a flat or sharp.
This is a line	line h	
Notice that the staff line goes	through the center of the	# +
This is a space b	space # space #	9:
Notice that the center of the	, #, is completely in the space	* * * *

We always speak of the flat, sharp or natural after the note; such as A flat, C sharp, B natural; but we put the signs before the notes when we write music on the staff.



STUDENT ASSIGNMENT

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- 1. How many half steps are there between B and Bb?
- 2. How many half steps are there between F and F#?_____
- 3. How many half steps are there between ED and E ?
- 4. How many half steps are there between C# and C# ?_____
- 5. How many half steps are there between Ab and A#?_____

MEMORIZE: A flat lowers the pitch of a note one-half step. A sharp raises the pitch of a note one-half step. A natural cancels a flat or sharp.

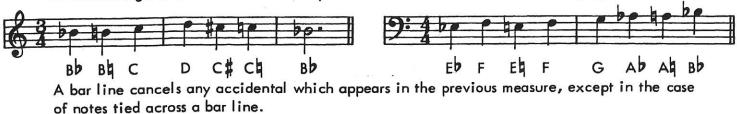
Lesson 28

ACCIDENTALS

A flat, sharp or natural sign placed before a note is called an Accidental. When one of these accidental signs is placed before a note, every note which follows on the same line or space within that same measure is also affected.



A natural sign is used to cancel a sharp or flat within a measure.





STUDENT ASSIGNMENT

Date	
Grade	

- 1. Flat, sharp and natural signs are called ______.
- 2. Accidentals affect all notes which follow on the same line or space within a ______.
- 3. Except when the notes are tied, the effect of an accidental never crosses a ______.
- 4. Write the letter name under each note in the following exercise.



MEMORIZE: Whenever an accidental appears in a measure, it affects all of the remaining notes on the same line or space in that one measure. It is cancelled by the next bar line, except when the notes are tied across the bar line.

STUDENT ASSIGNMENT

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STUDENT TEST

Date	-
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Lesson 1	 There arelines and spaces in the music staff. The bottom line of the staff is line number The first space down from the top of the staff is space number 		
Lesson 2	 The treble clef sign is also called the clef sign. The bass clef sign is also called the clef sign. The treble clef names the second line; the bass clef names the fourth line 		
Lesson 3	1. The letters of the alphabet used in naming the notes are 2. The letter names of the treble clef lines are, treble clef spaces 3. The letter names of the bass clef lines are, bass clef spaces		
Lesson 4	1. Can you say ABCDEFG backwards by memory? YesNo		
- 5	2. Draw six line whole notes.		
	3. Draw six space whole notes.		
Lesson 5	1. The stems go for all notes below the third line of the staff. 2. The stems go for all notes on or above the third line of the staff. 3. Stems pointing down are always attached to the side of the note.		
Lesson 7	 Ais the distance between two bar lines. A double bar means the of that part of the music. 		
	3. Divide the following staff into four measures.		
Lesson 8	 We call the numbers 2 4 4 etc. at the beginning of music the signatures. We can tell the number of beats in each measure by the number. We can tell the kind of a note that gets one beat by the number. 		
Lesson 9	 The quarter note receives beat when the lower number of the time signature is a 4. The half note receives beats when the lower number of the time signature is a 4. The whole note receives beats when the lower number of the time signature is a 4. 		
Lesson 11	1. A whole note equals half rests. 2. A whole note equals quarter rests. 3. A whole note equals whole rest		

STUDENT TEST

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Lesson 13	1. A dot after a note is equal to the value of the note it follows.
	2. In \int_{Λ}^{6} a dotted whole note (\circ .) receivesbeats.
	2. In 4 a dotted whole note (•) receivesbeats. 3. In 4 a dotted half note (•) receivesbeats.
Lesson 15	 Added lines above or below the staff are called lines. In the treble clef the second leger line above the staff is In the bass clef the second leger line above the staff is
Lesson 17	 When two dots are placed before a double bar we call it a sign. When you come to a repeat sign you go back to the last sign or to the Play the 1st ending - repeat the 1st ending and play the ending.
Lesson 18	 Tied notes are always on the same or Ties can also cross lines to join notes in adjacent measures. A dotted half note tied to a note equals four beats.
Lesson 19	 Slurred notes are always on different and Slurs can also cross lines. Slurred notes are always played in a or continuous sound.
Lesson 21	 One quarter note equalseighth notes. It takes eighth notes to equal one whole note. Never beat your foot on "an" when counting time.
Lesson 23	 One quarter rest equalseighth rests. One eighth rest equalsbeat. One half rest equalseighth rests.
Lesson 25	 In 2/4 or 4/4 or 4/4 a dotted quarter note receives beats. A dotted quarter note equals eighth notes. A dotted quarter note is usually followed by an note.
Lesson 27	1. A flat () the pitch or sound of a note step. 2. A sharp () the pitch or sound of a note step. 3. A natural () the effect of a flat or sharp.
Lesson 28	 Flat, sharp and natural signs are called An accidental affects all notes on the same line or space in that one The effect of an accidental never crosses a bar line except when the notes are

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