# Theory Workbook

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## Units 1-5



Available exclusively through Third Hand Music (07) 55303219

## Table of Contents

Unit	One	
	Pitch	
	Rhythm	5
	Written Music	5
Pi	tch	
	1. The Musical Alphabet (Chromatic Scale)	6
	2. Notes	6
	3. The Staff	6
	Ex. 1	
	4. The Clef Sign	
	(a) The Treble Clef	
	Ex. 2	
	Notes on the Lines (Every Good Boy Deserves Fruit)	
	Notes in the Spaces ( $\underline{F} \ \underline{A} \ \underline{C} \ \underline{E}$ )	7
	Notes on combined Lines and Spaces	
	Ex. 3	
	Ex. 4	_
	(b) The Bass Clef	
	Ex. 5	
	Notes on the Lines (Good Boys Deserve Fruit Always)	
	Notes in the Spaces (All Cows Eat Grass)	9
	Notes on combined Lines and Spaces	
	Ex. 6	
	Ex. 7	
	5. The Great Staff	
	6. Ledger Lines	
	Ex. 8	
	Ex. 9	
	7. Accidentals	
	(a) The Sharp (#)	
	(b) The Flat (b)	
	(c) The Natural Sign ( )	
	Ex. 10	
	Ex. 11	
	Ex. 12	
	Word Spelling in Notes	
	Ex. 13	
Unit		
Rr	nythm (1)	
	1. The Notation of Rhythm	
	2. Notes	
	(a) Whole Note	
	(b) Half Note	
	(c) Quarter Note	
	(d) Eighth Note	
	(e) Sixteenth Note	
	(f) Triplet	
	3. Rests	
	(a) Whole Note Rest	15

(b) Ha	If Note Rest	15
(c) Qı	arter Note Rest	15
, ,	hth Note Rest	
(e) Six	teenth Note Rest	16
	14	
	15	
	ms	
Ex.	16	18
Ex.	17	18
5. Bar	(or Measure)	18
6. Bar	Lines	19
7. Tim	e Signature	19
(a) Up	per Number	19
(b) Lo	wer Number	19
Ex.	18	19
	9	
Unit 3		21
	ales	
-	le	
	ave	
	t Note	
	le Degrees	
	erval	
	nitones & Tones (Half Whole Steps)	
	20	
	jor Scale Formula	
	21	
	22	
	23	
	4	
	25	
	ding the Major Scale	
	26	
	27	
	S	
	y Signature	
	28	
	29	
	arp Key Signatures	
	30	
	31	
	32	
	33	
	jor Scales	
	Keys	
	34	
	35	
	36	
	37	
	38	
Ex.	39	32

Ex.40	33
2. Enharmonics	33
Ex. 41	
Ex. 42	34
Unit 5	35
Intervals	35
1. Intervals	35
2. Quality	35
3. Quantity	35
Ex. 43	36
Ex. 44	36
4. Interval Quality Rules	37
5. Procedure for Naming Intervals	38
(a) Establish the Quantity	38
(b) Establish the Quality	38
Ex. 45	38
Ex. 46	38
Ex. 47	39
Ex. 48	40

## Theory Workbook

## **Unit One**

#### Pitch

Pitch is defined as: the "highness" or "lowness" of a sound (or note).

#### Rhythm

Rhythm can be defined as: the specific point in time when that note appears.

#### Written Music

The main function of written music (notation) is to show both pitch *and* rhythm at the same time.

This is done by a variety of symbols that this theory course will present to you in a workbook format.

Complete all exercises in the spaces provided.

## **Pitch**

### 1. The Musical Alphabet (Chromatic Scale)

The musical alphabet is also known as the *chromatic scale* and contains all of the note names used in the "western" music system.

Α	A#	В	C	C#	D	D#	E	F	F#	G	G#
	Bb			Db		Eb			Gb		Ab

#### 2. Notes

Notes are the names given to specific pitch sounds.

#### 3. The Staff

The 5 lines and 4 spaces on which the notes are drawn in traditional music notation.

#### **Ex. 1**

Number the *lines* and *spaces* on the staff.

## 4. The Clef Sign

The *clef sign* shows us which note is on a particular line or space.

## (a) The Treble Clef

The treble cleftells us that the 2nd line is called G.

#### **Ex. 2**

Draw 2 lines of treble clefs by copying the example given.



Each line or space is named as follows.

### Notes on the Lines (Every Good Boy Deserves Fruit)



### Notes in the Spaces (F A C E)



When we view the notes going from 1st line to 1st space, 2nd line to 2nd space etc., the pattern of note names takes on the familiar pattern of the alphabet. (Notice that the note names do not go past G but return to A.)

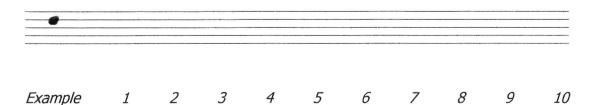
#### Notes on combined Lines and Spaces



#### **EX. 3**

Draw the treble clef and then write the notes on the staff. Notes should be:

- Oval shaped with a slight tilt up to the right.
- Carefully centered on the appropriate space or line.
- Small enough to fit into the space.
- Drawn in pencil.



#### Draw these notes:

#### **Example:** D, 4th line

- 1. A, 2nd space
- 2. E, 4th space
- 3. D, below the staff
- 4. G, above the staff
- 5. C, 3rd space

- 6. F, 1st space
- 7. B, 3rd line
- 8. E, 1st line
- 9. D, 4th line
- 10. F, 5th line

#### Ex. 4

Write the names of the notes below the staff.

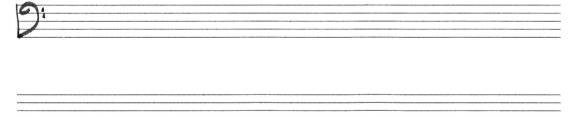




### (b) The Bass Clef

#### **Ex. 5**

Draw 2 lines of bass clefs on the staffs provided by copying the example.



The notes on the bass clef are in different positions from those on the treble clef. Bass guitar is one instrument that uses bass clef.

All guitar music is written on treble clef.

A working knowledge of each clef is useful regardless of the instrument being played.

## Notes on the Lines (Good Boys Deserve Fruit Always)



9

## Notes in the Spaces (All Cows Eat Grass)

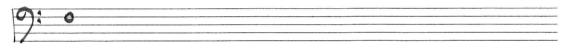


### Notes on combined Lines and Spaces



#### Ex. 6

Draw the bass clef on the staff that follows and write the notes as indicated.



Example 1 2 3 4 5 6 7 8 9 10

• Draw these notes. **Example**: F, 4th line

- 1. D, 3rd line
- 2. G, 1st line
- 3. B, above the staff
- 4. A, 1st space
- 5. F, below the staff
- 6. C, 2nd space
- 7. G, 4th space
- 8. B, 2nd line
- 9. A, 5th line
- 10. E, 3rd space

#### **Ex.** 7

Write the names of the notes under the staff. (Watch clef!!)



#### 5. The Great Staff

The treble and bass clefs are *combined* for keyboard instruments with the left hand playing the *bass clef* notes and the right hand playing the *treble clef* notes. This is known as the *great staff*.



### 6. Ledger Lines

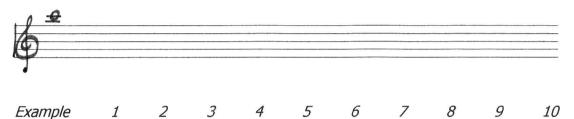
**Ledger lines** are short lines that are used to extend the staff upwards or downwards.

Ledger lines should be:

- · About 4mm long
- · Spaced the same as the lines on the staff
- Be parallel to the lines of the staff.

#### **Ex. 8**

Draw a treble clef and write the notes as required using ledger lines, above or below the staff.



• Draw these notes:

**Example**: C, above the staff

	Above the staff		Below the staff
1.	D	6.	С
2.	С	7.	G
3.	В	8.	В
4.	A	9.	Α
5.	E	10.	E

Draw a bass clef and write the notes as required using ledger lines.



Example 1 2 3 4 5 6 7 8 9 10

Below the staff

#### C 1. E 6. 2. D C 7. 3. E D 8. 4. 9. A G 10.

#### 7. Accidentals

Above the staff

#### (a) The Sharp (#)

The **sharp** sign **raises** the pitch of a note by 1 fret (or semitone or half-step).

## (b) The Flat (b)

The *flat* sign *lowers* the pitch of a note by 1 fret (or semitone or half-step).

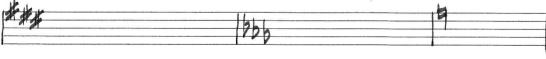
## (c) The Natural Sign (点)

The *natural* sign *restores* the note to its original pitch.

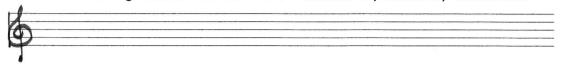
Α	A#	В	С	C#	D	D#	E	F	F#	G	G#
	Bb			Db		Eb			Gb		Ab

#### **Ex. 10**

Draw a sharp, flat and natural sign on each line and space on the staff below.



Write the following notes on the staff below. Include any necessary accidentals.



G Db B Ab F# A# E# Eb G# Bb C#

E F Bb A# D# B Ab D G# Cb Eb

#### Ex. 12

Write the name of each note beneath the staff. (Watch clef!)



## Word Spelling in Notes

#### Ex. 13

Spell out these words using the notes on the staff. You may use ledger lines also.

Cabbage Dead Baggage Badge	Deed Ace Gag Face	Fade Bad Egg Beg
Add	Dad	Feed

## **Objectives for Unit 1:**

- Be able to name any note on either clef and draw it.
- Be able to accurately draw clefs, ledger lines and accidentals.

## Unit 2

## Rhythm (1)

### 1. The Notation of Rhythm

There are 2 symbols in use for writing rhythm. These are *notes* and *rests*.

#### 2. Notes

These show how long a note sounds for and when it is played.

#### (a) Whole Note

A whole note receives 4 counts.



## (b) Half Note

A *half note* receives 2 counts.



## (c) Quarter Note

A quarter note receives 1 count.



## (d) Eighth Note

An eighth note receives 1/2 count.



### (e) Sixteenth Note

A *sixteenth note* receives 1/4 count.



### (f) Triplet

A triplet receives 1/3 count.



#### 3. Rests

Rests are used to show periods of silence.

### (a) Whole Note Rest

A whole note rest receives 4 counts.



## (b) Half Note Rest

A *half note rest* receives 2 counts.



## (c) Quarter Note Rest

A *quarter note rest* receives 1 count.



## (d) Eighth Note Rest

An *eighth note rest* receives 1/2 count.



## (e) Sixteenth Note Rest

A *sixteenth note rest* receives 1/4 count.



### Ex. 14

Draw the notes and rests on the staff below.

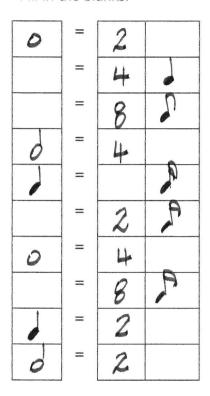
e Rest
est
te Rest
Rest
9

#### (e) Sixteenth Note

#### (e) Sixteenth Note Rest

**Ex. 15** 

Fill in the blanks.



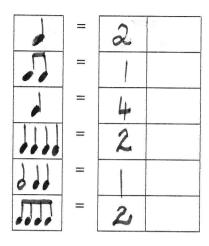
#### 4. Beams

**Beams** are used to group notes (eighth, sixteenth, triplet etc.) together in order to make them easier to read.

This is the usual case in *instrumental music*, however in *vocal music* the beams are generally *left out* to enable the singer to see each syllable more clearly. Notes are *beamed* in such a way that the "middle" of the bar can be seen easily.

**Ex. 16** 

Fill in the blanks. Beam notes where necessary.



Ex. 17

Fill in the blanks.

## 5. Bar (or Measure)

Music is almost always divided into small manageable sections called **bars**. These **bars** generally contain a regular number of beats. A bar may also be called a **measure**.

#### 6. Bar Lines

Bar lines are used to section off each bar in written music.

## 7. Time Signature

The *time signature* (see below) shows how many beats (or counts) are in each bar.

There are 2 numbers in the time signature.



## (a) Upper Number

This number tells *how many beats* in the bar. In 4/4 time there are *4 beats* in the bar.

#### (b) Lower Number

This number tells which *type of note* receives 1 beat. In 4/4 time a *quarter note receives 1 beat*.

#### Ex. 18

Add bar lines to the music so that the beats in each bar add up to the time signature.







Add one note to each bar so that it adds up to the correct number of beats as given by the time signature.



## **Objectives for Unit 2:**

- Be able to draw accurately the basic notes (whole, half, quarter, eighth and sixteenth notes).
- Be able to notate time signatures accurately and be able to maintain the proper number of beats in each bar.
- Know the beat value of each note studied in unit 2.

## Unit 3

## **Major Scales**

#### 1. Scale

In Unit 1 we studied the *Chromatic scale*.

Α	A#	В	С	C#	D	D#	E	F	F#	G	G#
	Bb			Db		Eb			Gb		Ab

A **scale** is a series of notes that generally move in a **stepwise** motion.

The most common of these is the *major scale*.

A C major scale contains these notes:

CDEFGABC

#### 2. Octave

Notice that it starts and finishes on a C note.

These 2 C notes are said to be 1 **octave** apart. (octo = 8)

#### 3. Root Note

The 1st note of the scale is called either the **root note** or the **tonic note** and provides a **'home base'** for songs written using that scale.

In a C major scale, the root note is C.

In a G major scale the root note is G.

A major scale can start on **any note** of the chromatic scale and proceed stepwise through a **set sequence** (the major scale formula), until arriving at the starting note name that is 1 octave higher than the root note.

## 4. Scale Degrees

Scale notes can be numbered from 1 through to 8. These are called **scale degrees** or **scale step numbers**.

#### 5. Interval

**Interval** is the term given to the distance between notes.

## 6. Semitones & Tones (Half, Whole Steps)

A **semitone** is also called a **half-step** and is the interval between **2** consecutive notes on the chromatic scale.

**C-C#** is 1 semitone or half-step.

C#-D is 1 semitone or half-step.

A **tone** is also called a **whole step** and is the interval between **3** consecutive notes on the chromatic scale.

C-D is 1 tone or whole step.

**D-E** is 1 tone or whole step.

#### Ex. 20

On the staff below, write either T (tone) or ST (semitone) under the notes.



## 7. Major Scale Formula

The *major scale formula* is the set sequence that allows us to accurately construct the major scale regardless of the starting note.

#### Ex 21

On the staff below, draw the notes starting on C, (2nd ledger line below the staff) and proceeding up to the C on the 3rd space.

Play the scale you have just written.

It should have the familiar sound of Do Re Mi Fa So La Ti Do.

If it does **not** have this sound, check that the notes are written correctly.

On the scale you wrote in Ex 20, number all notes from 1-8.

The series of note you wrote in Ex 20 is called the *C major scale*. The note names are:

С	D	E	F	G	Α	В	С
		1				1	

- Refer to the chromatic scale below and count how many semitones there are between C - D. Write your answer in the space provided above.
- Proceed with counting from D to E.
   Write your answer.
- Continue this process until you have completed the formula for the major scale.

The formula for the major scale is:

## 2 2 1 2 2 2 1

There are always 2 **semitones** (or half-steps) between the 1st and 2nd scale degrees in the major scale.

Α	A#	В	С	C#	D	D#	E	F	F#	G	G#
	Bb			Db		Eb			Gb		Ab

#### Ex.23

On the staff below write the C major scale.

 Include scale step numbers and also write in 2212221 above the appropriate notes.

#### Ex.24

On the scale you have completed, mark with square brackets the notes that are 2 semitones apart.

Use a 'V' for the notes that are 1 semitone apart.

The 1 semitone intervals **always** occur between which scale steps in a major scale?

Write the major scale formula in 3 ways;

• Using **semitones** to show the intervals between the notes. (Fill in the blanks.)

2	2		2	

Using tones to show the intervals between the notes. (Fill in the blanks.)

1	1/2	1/2

Using whole-steps and half-steps to show the intervals between the notes.
 (Fill in the blanks: `W' for whole step and `H' for half step.)

W	Н		

### 8. Building the Major Scale

#### Ex. 26

On the staff below, write the notes from G (2nd line) through to G (above the staff). The notes should read:

G	A	В	C	D	E	F	G
***************************************	***********						

- Number the scale degrees 1-8. (The 8th note is both the *end* of this octave and the *beginning* of the next.)
- Mark the notes that are a whole step apart with a square bracket.
- Mark the notes that should be a *half step* apart with a 'V'.
- Check the notes with the major scale formula and the chromatic scale and adjust the notes, (if necessary) by using an accidental in front of the offending note.

Α	A#	В	С	C#	D	D#	E	F	F#	G	G#
	Bb			Db		Eb			Gb		Ab

What note required adjustment to make the G scale fit the formula?
\_\_\_\_\_\_\_

Build the major scales listed below.

- Remember to check your scale with the major scale formula.
- These scales only require the use of sharps.

G Major	
D Major	
D Major	
A Major	
A Major	
E Major	
- Major	
B Major	
F# Major	
<b>.</b>	
C# Major	

#### 9. Keys

If a piece of music is in the **key of C**, this means that the notes in the **melody** (tune), and the **harmony** (chords) are mostly from the **C major scale**.

A composer may add other notes for colour, but the C scale would be the basis for most of the music.

It follows then that a song in the **key of G** will use mostly notes of the **G major scale**.

#### 10. Key Signature

The *key signature* tells the musician which notes will need to be made *sharp* or *flat* to maintain the correct sound.

It is found at the beginning of each line or at the beginning of the piece of music.

#### Ex. 28

Look at the musical example below.

- Which notes are sharped?
- What key is this melody in?



#### Ex. 29

Add the correct **key signature** to the staff and rewrite the melody from Ex. 28 *without* the accidentals.



## 11. Sharp Key Signatures

#### Ex. 30

Look back to Ex. 27 and write the correct key signatures for each of the scales as indicated below.

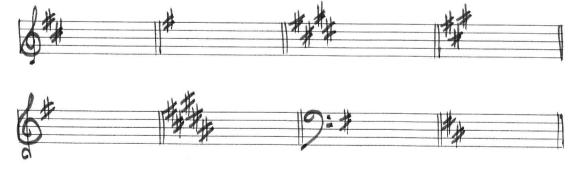
• Take special care with the placement and order of each new sharp.

C Major (no#)	G Major (1#)	D Major (2#)	A Major (3#)
E Major (4#)	B Major (5#)	F# Major (6#)	C# Major (7#)

- It is good practice to peruse books of music and name the keys of each piece.
- Knowledge of key signatures will speed up all the areas of 'data processing' that
  the brain is required to do when dealing with the various aspects of music
  theory.

#### Ex. 31

Name the keys represented by the following key signatures.



Ew.	20
EX.	JZ

Write ● A	e the notes in the following scales <b>without</b> key signatures. dd the sharps before the appropriate notes in each case.
G Ma	ajor
-	
C Ma	njor
D Ma	jor
F# m	ajor
В Ма	ior
E Maj	ior
****	

**Ex.33**Write out the *letter names* of the notes in the following scales. (Fill in the blanks)

Key	1	2	3	4	5	6	7	8
С			E				В	0
G				С			Б	
D						В		
Α		В						
E	E							
В								
F#		G#						
C#					G#			

## Objectives for Unit 3:

- Be able to construct a major scale using the interval formula.
- Be able to recognize a sharp key signature on the page and from it name the key.
- Be able to write the sharp key signatures, with the sharps in the right order.

## Unit 4

## **More Major Scales**

## 1. Flat Keys

Follow the same process for *flat keys* as for sharp keys. Review sharp keys if necessary.

#### Ex. 34

Write	the	scale	notes	from	F-F.	on the	staff	that	follows.
	,			8	(0)				

- Number the scale steps 1-8.

Bui	.36  ild the scales as indicated in the following flat keys.  Major
-	
Ex.	. 36
	taw the correct F major scale on the staff below.
•	adjust notes where necessary by using the <i>flat</i> sign.  What note needs to be changed to maintain the correct major scale formula?

ature for each of the s	scales constructed in E	x. 36 on the staff
Bb Major (2b)	Eb Major (3b)	Ab Major (4b)
Gb Major (6b)	Ch Major (7h)	
	nature for each of the s	nature for each of the scales constructed in E

Name the keys represented by the following flat key signatures.





#### Ex. 39

Write the notes in the following scales *without* key signatures.

Add the flats before the appropriate notes in each case.

F Major

Eb Major

DL Maria	
Bb Major	

Ab Major

Db Major

Gb	Major	

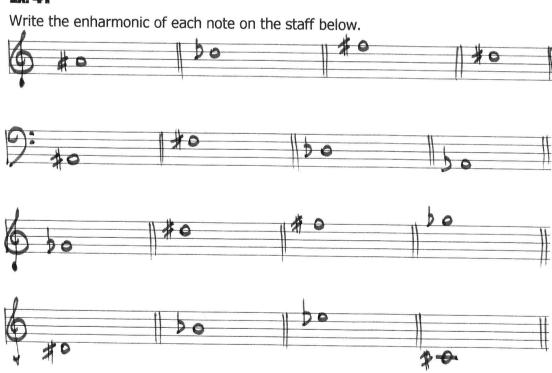
**Ex.40**Write out the *letter names* of the notes in the following scales. (Fill in the blanks)

Key	1	2	3	4	5	6	7	8
F			Α				F	0
Bb				Eb				
Eb						С		
Ab		Bb						
Db	Db							
Gb							F	
Cb		Db					•	

#### 2. Enharmonics

**Enharmonics** are 2 notes (or scales) which have the same pitch but are written differently or called by different names.

Ex. 41



Write the Db and C# major scales on the staff below.

- Compare them note for note.
- Are the scales enharmonic?

Db major		
C# major		
		-

## Objectives for Unit 4:

- Be able to build a major scale in any flat key.
- Be able to write the correct key signature for all flat keys.

## Unit 5

## **Intervals**

#### 1. Intervals

An interval is the distance between 2 notes.

Intervals are always measured from the *lowest* pitch to the *highest*.

They are named according to their *relationship with the major scale* that starts on the lower of the 2 notes,

#### 2. Quality

Each interval is named with a combination of *quality* and *quantity*.

The *quality* of an interval refers to the type of interval.

These are generally classified as:

- major
- minor
- perfect
- augmented
- diminished

## 3. Quantity

The *quantity* is the *size* of an interval.

These are named:

- 2nd
- 3rd
- 4th
- 5th
- 6th
- 7th
- 8th (or Octave)

Since intervals are always measured relative to the major scale built from the lowest note, the following chart should prove helpful.

The intervals in this example are based on the C major and G major scales.

Lowest	Highest	Quality	Quantity
С	D	major	2nd
С	E	major	3rd
C <sub></sub>	F	perfect	4th
C	G	perfect	5th
С	Α	major	6th
С	В	major	7th
С	С	perfect	Octave
G	Α	major	2nd
G	В	major	3rd
G	С	perfect	4th
G	D	perfect	5th
G	E	major	6th
G	F#	major	7th
G	G	perfect	Octave

Which of the intervals on the chart above are *perfect*?\_\_\_\_\_

Which of the intervals on the chart above are *major*?

#### Ex. 44

Write the *quantity* of each of the intervals listed below.

 Remember to treat the lowest note of the two as the root note of a major scale.



#### 4. Interval Quality Rules

- When a major interval is decreased by 1 semitone it becomes minor.
- When a *minor* or *perfect* interval is *decreased* by 1 semitone it becomes *diminished*.
- When a major or perfect interval is increased by 1 semitone it becomes augmented.
- When a minor interval is increased by 1 semitone it becomes major.

The following charts should help clarify these rules before proceeding to the interval naming exercises.

Lowest	Highest	Quality	Quantity
С	Db	minor	2nd
C	D	major	2nd
C	D#	aug	2nd
C	Eb	minor	3rd
С	Е	major	3rd
C	F	perfect	4th
C	F#	aug	4th
С	Gb	dim	5th
C	G	perfect	5th
С	G#	aug	5th
С	Ab	minor	6th
C	Α	major	6th
С	A#	aug	6th
С	Bb	minor	7th
C	В	major	7th
С	С	perfect	Octave

Augn	nented	
Perfect (1, 4, 5, 8)	Major(2, 3, 5, 7)	INCREASE
	Minor	DECREASE
Dimir	nished	•

### 5. Procedure for Naming Intervals

### (a) Establish the Quantity

Count how many letter names between the notes.



The quantity of this interval is \_\_\_\_\_\_.

#### (b) Establish the Quality

- If the top note of the interval belongs to the major scale of the lower note, then the interval is either perfect or major.
- If the top note does not belong to the major scale of the lower note, you will need to figure out whether it is larger or smaller than the scale tone with the same letter name and by how much.

#### Ex. 45

Lo	ok at the 2 notes on the staff below and answer the following questions.
•	Is the top note of the two <i>in the major scale</i> of the lower note?
•	If not, is it <i>higher</i> or <i>lower</i> than the scale tone that has the <i>same letter</i>
	name? By how much?
•	What is the name of the interval?
0	

/		 	 
9	_		
N			
1			

#### **Ex. 46**

Identify the following intervals. Use these abbreviations:

Abbreviation	Interval
Ма	major
mi	minor
P	perfect
Α	augmented
d	diminished

Ex. 47



Write the intervals as indicated above the notes on the staff. P5 mi7 MIB P. 8 MA 6 MIG 0 mi3 Ma 6 MI3 MA3 MI7 Mi3 MA3 MAZ 0 0 0 0 0 0 MIT MID d 5 MAT mi/ MA? 0 0 0 0 MA3 mi3 MA3 mi3 MA Mi2 MI 0 0

Theory Workbook Units 1-5
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Third Hand Music

#### Ex. 48

Write the indicated intervals *below* the notes on the staff.

• Simply count down the lines and spaces to find '1', then make any adjustments to the note to fit the required *quality*.



This concludes the Theory Workbook Units 1-5.

Remember that a working knowledge of the various elements of music theory and harmony presented here take practice and review.

With this in mind  ${\rm I}$  have prepared a theory test based on the work covered in this module.

You should aim to complete it in the shortest time possible, thereby training your mind to think clearly and accurately in musical terms with no instrument.

There is much more to learn, however if the materials in these first units have been understood and completed, the task of learning theory and harmony is greatly accelerated.

On successful completion of the theory test, you should proceed immediately to Theory Workbook Units 6-10.

# Theory Test

## **Units 1-5**

Pitch is define	d as:									
Rhythm										
Rhythm can b	e define	d as:								
				Pitch						Control of the Contro
<b>The Music</b> The musical a			nown as	the						
Fill in the I	olanks.									
A A#	В		C#	D			F		G	
	]				Eb			Gb		
The Staff				a vula i ala						
Thelines	s and	S	paces or	1 WNICN	the note	es are dr	awn in I	radition	al	

N	otes or	om	binea	Line	es an	d Spac	es				
Dra	aw notes	on the	staff as	indica	ted						
•	<i>ample</i> Draw the <b>ample</b> : D		es:	3	4	5	6	7	8	9	10
1. 2. 3. 4. 5.	A, 2nd : E, 4th s D, below G, abov C, 3rd s	space space w the si	taff		6. 7. 8. 9.	F, 1st sp B, 3rd lir E, 1st lin D, 4th lir F, 5th lin	ne e ne				
Wri	ite the na	mes of	the not	es belo	ow the		٥	9 (		9	0
6	٥	0	0		3	. 0	0	8	9	9	•

#### Bass Clef

Notes on the Lines (Good Boys Deserve Fruit Always)



Notes in	the	Spaces	(AII	Cows	Eat	Grass)
----------	-----	--------	------	------	-----	--------



### Notes on combined Lines and Spaces

100	400	
III.		
400	7	
1		
1	1	
-	1	
1 4	7	
-4		

Draw the bass clef on the staff that follows and write the notes as indicated.

Example 1 2 3 4 5 6 7 8 9 10

- Draw these notes. **Example**: F, 4th line
- 1. D, 3rd line
- 2. G, 1st line
- 3. B, above the staff
- 4. A, 1st space
- 5. F, below the staff
- 6. C, 2nd space
- 7. G, 4th space
- 8. B, 2nd line
- 9. A, 5th line
- 10. E, 3rd space

Write the names of the notes under the staff. (Watch clef!!)



Ledger Lines	L	e	do	<i>ier</i>	L	in	es
--------------	---	---	----	------------	---	----	----

Draw a treble clef and write the notes as required using ledger lines, above or below the staff.

Example 1 2 3 4 5 6 7 8 9 10

Draw these notes:

Example: C, above the staff

#### Above the staff Below the staff 1. D C 6. 2. C 7. G 3. B 8. В 4. Α 9. Α E Е 10.

Draw a bass clef and write the notes as required using ledger lines.

Example 1 2 3 4 5 6 7 8 9 10

Above the staff Below the staff

1. C 6. E 2. D C 7. 3. E 8. D 4. F 9. Α G 5. 10. B

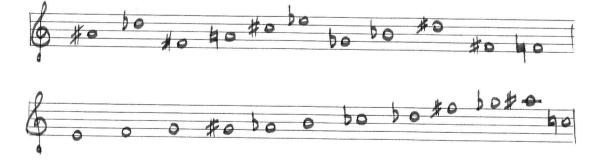
#### **Accidentals**

(a) The Sharp (#)

The **sharp** sign \_\_\_\_\_the pitch of a note by 1 fret (or semitone or half-step).

The step)	<b>flat</b> s		Flat (b		e pitch (	of a not	e by 1 t	ret (or	semitor	e or half	=_
The .			latura			to its o	riginal <sub>I</sub>	oitch.			
Draw	ı a <i>sha</i> .	rp, flat	tand <i>na</i>	<b>atural</b> s	sign on	each lin	e and s	pace on	the sta	aff below	·.
Write	the fol	llowing	notes o	n the st	caff belo	w. Incl	ude any	necess	ary acc	identals.	**************************************
G	Db	В	Ab	F#	A#	E#	Eb	G#	Bb	C#	
E	F	Вb	A#	D#	В	Ab	D	G#	Cb	Eb	

Write the name of each note beneath the staff.



## Unit 2

## Rhythm (1)

The Notation of Rhythm
There are 2 symbols in use for writing rhythm. These are and
<u> </u>
A <i>whole note</i> receives counts.
A <i>half note</i> receives counts.
A <i>quarter note</i> receives count.
An <i>eighth note</i> receives count.
A <i>sixteenth note</i> receives count.
A <i>triplet</i> receives count.
Rests
<b>Rests</b> are used to show periods of
A <i>whole note rest</i> receivescounts.
A <i>half note rest</i> receives counts.
A <i>quarter note rest</i> receives count.
An <i>eighth note rest</i> receives count.
A <i>sixteenth note rest</i> receives count.
Draw the notes and rests on the staff below.
(a) Whole Note Rest

(b)	Half	Note
-----	------	------

#### (b) Half Note Rest

#### (c) Quarter Note

#### (c) Quarter Note Rest

#### (d) Eighth Note

#### (e) Sixteenth Note

#### (e) Sixteenth Note Rest

Fill in the blanks.

	=	2	}
	=	2 4 2 2 2 2 2 2	4
3	=	2	
3	=	2	
	=	2	1
7	=	2	
	=	2	Z
	=		2
1	=	4	
	= [		3

8

Fill in the blanks. Beam notes where necessary.

5	=		
0	=	2	
	=	2	1
0	=		•
1	=	2	
1	=		A

4	=		2
3	=	2	
0	=	4	
	=	4	
71	=	1	
ЛЛ	=	2	

Fill in the blanks.

	=	-	川
	=	1	1
	=	J	2
	=	0	d
	=	J	11
	=	79	Л
0	=		
0	=	J	
0	=	d	
	=		

	_		
3	=	0	The state of the s
2 2	=	1	Marie (I) Division
2	=		J
	=	1	57
3	=	1	
3	=	1	1
1	=	月	
3	=	J,	
	=		
4	=	0	

#### Bar (or Measure)

Music is almost always divided into small manageable sections called

**Bar Lines** 

Bar lines are used to section off each \_\_\_\_\_\_ in written music.

#### Time Signature

#### (a) Upper Number

This number tells \_\_\_\_\_\_ in the bar.

### (b) Lower Number

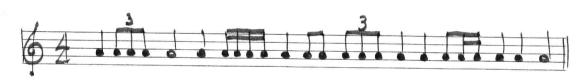
This number tells which \_\_\_\_\_ receives 1 beat.

Add bar lines to the music so that the beats in each bar add up to the time signature.









Add one note to each bar so that it adds up to the correct number of beats as given by the time signature.





## Unit 3

Major Scales
Scale  A scale is a series of notes that generally mayoring.
A <i>scale</i> is a series of notes that generally move in amotion.  Octave  Notice that it starts and finishes on a C note.  These 2 C notes are said to be 1apart. (octo = 8)
Root Note  The 1st note of the scale is called either the root note or the note and provides a 'home base' for songs written using that scale.  In a C major scale, the root note is In a G major scale the root note is
Interval Interval is the term given to the between notes.
Semitones & Tones  A semitone is also called a and is the interval between 2 consecutive notes on the chromatic scale.
C-C# is 1 or half-step. C#-D is 1 semitone or  A tone is also called a and is the interval between D
A <i>tone</i> is also called a and is the interval between 3 consecutive notes on the chromatic scale.  C-D is 1 or whole step.  D-E is 1 tone or
Major Scale Formula
The formula for the major scale is:

0	n the sta	aff below writ	e the C maj	or scale.			
_							
TI	ne 1 sem	itone interva	ls <i>always</i> (	occur betwee	en which scale	e steps in a r	najor scale?
-	8	<u></u>		&			
W	rite the r	major scale fo	ormula in 3 v	ways;			
•		<b>semitones</b> to	show the i	ntervals betv	veen the note	es. (Fill in the	e blanks.)
	2	2				2	
•		tones to show	w the interva	als between	the notes. (Fi	ll in the blan	ks.)
	1		1/2				1/2
•	Using (Fill in t	whole-steps the blanks: `\	and <i>half-s</i> N' for whole	teps to show step and 'H	v the intervals for half step	s between th	e notes.
		1	П				
	ild the m Remem	the Majo rajor scales list ber to check scales only re	sted below. your scale v	vith the majo e of <i>sharps</i> .	er scale formu	la.	
G I	Major						
DI	Major						

A Major
E Major
B Major
D Major
F# Major
0# M ·
C# Major
Keys
·
If a piece of music is in the <b>key of C</b> , this means that the notes in the
(tune), and the (chords) are mostly from the <i>C major</i>
scale.
Key Signature
The <b>key signature</b> tells the musician which notes will need to be made
Or to maintain the correct cound

### Sharp Key Signatures

Name the keys represented by the following key signatures.



Write the notes in the following scales **without** key signatures.

• Add the sharps before the appropriate notes in each case.

, tad the sharps before the appropriate notes in each case,	
G Major	
C Major	
D Major	
Ett mania	
F# major	
B Major	

Write out the *letter names* of the notes in the following scales. (Fill in the blanks)

Key	1	2	3	4	5	6	7	
С			E			0		8
G			<u> </u>	C			В	
D						В		
Α		В				В		
E	E							
В								
F#		G#						· · · · · · · · · · · · · · · · · · ·
C#					G#			

## Unit 4

## **More Major Scales**

Flat Keys			
Draw the correct F major scale on the staff below.			
Build the scales as indicated in the following flat keys.			
F Major			
Bb Major			

Ab Major			
Db Major			
Gb Major			
	s represented by the fo		
<b>(</b> )	(p)	63	

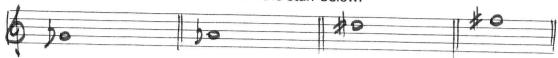
Write out the *letter names* of the notes in the following scales. (Fill in the blanks)

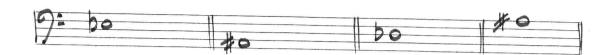
Key	1	2	3	4	5	6	7	8
F			Α				É	U
Bb				Eb			-	
Eb						C		
Ab		Bb						
Db	Db							
Gb							F	-
Cb		Db					1	

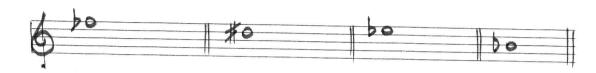
#### **Enharmonics**

**Enharmonics** are 2 notes (or scales) which have the \_\_\_\_\_pitch but are written differently or called by different names.

Write the enharmonic of each note on the staff below.









## Unit 5

### **Intervals**

In	t	6	n	/a	10	6

An <i>interval</i> is the distance between	notes.	
Intervals are always measured from the	pitch to the	

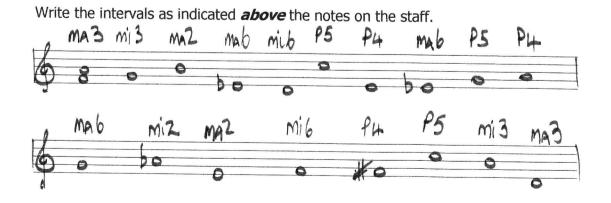
#### Interval Quality Rules

- When a major interval is decreased by 1 semitone it becomes
- When a minor or perfect interval is decreased by 1 semitone it becomes
- When a \_\_\_\_\_ or *perfect* interval is *increased* by 1 semitone it becomes *augmented*.
- When a minor interval is increased by 1 semitone it becomes\_\_\_\_\_\_.

Identify the following intervals. Use these abbreviations:

Abbreviation	Interval
Ma	major
mi	minor
Р	perfect
A	augmented
d	diminished





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