# Grade Four

### Contents

Key Signatures	2
Scales	4
Dominant 7ths	6
Alto Clef	8
Revision Test - Notation	11
Augmented and Diminished Intervals	12
Inversion of Intervals	16
Forming Chords for SATB	18
Cadences	21
Revision Test - Intervals, Chords & Cadences	25
Transposition	26
	29
Revision Test - Transposition & Melody Writing	32
Terminology	
Composers - Twentieth Century	34
Revision Test - Terminology & Composers	36
Sample Examination Paper 1	37
Sample Examination Paper 2	41

To purchase Dynamic Music publications, or to find out about the full range of titles available visit:

www.dynamicpublishing.com.au Tel: 1300 858 499 (within Australia) Email: info@dynamicpublishing.com.au

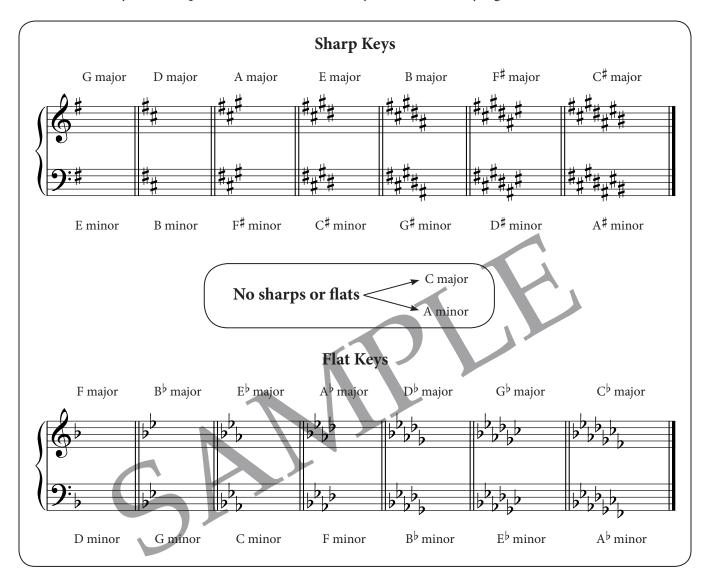
© 2012 Dynamic Publishing PTY LTD
ABN 34 116 993 910
Typesetting by Dynamic Publishing PTY LTD
Printed in Australia by Nationwide Advertising Group, North Sydney
All rights reserved

Theory of Music - Grade Four ISBN 978-1-921273-78-0 First edition 2012

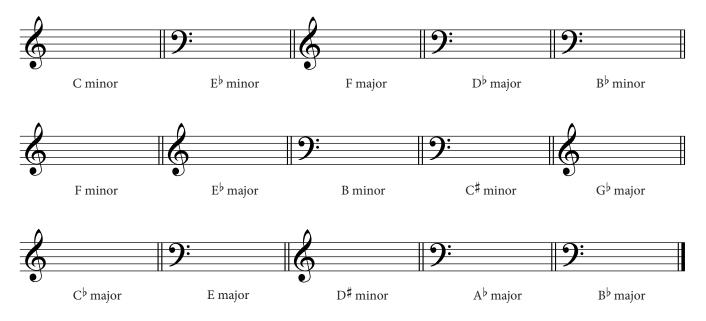
No part of this book may be photocopied or reproduced in any way without permission. Unauthorised uses are an infringement of the Australian Copyrights Act and are punishable by Law.

# **Key Signatures**

For Grade Four you are required to know all of the major and minor key signatures:

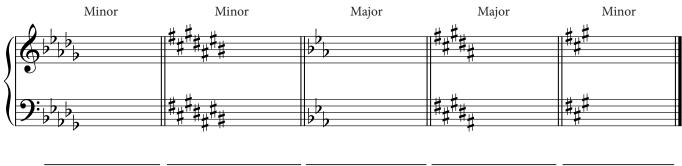


Write the following key signatures:



Write the following key signatures:





## Scales

Write the following **two octave** scales (*see the example*):

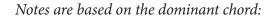
C<sup>#</sup> melodic minor scale ascending in crotchets, using the correct key signature G<sup>b</sup> major scale descending in semibreves, using accidentals F harmonic minor scale descending in minims, using the correct key signature  $C^{\sharp}$  major scale ascending in dotted crotchets, using the correct key signature  $F^{\sharp}$  melodic minor scale ascending in minims, using accidentals B<sup>b</sup> melodic minor scale descending in semibreves, using accidentals A<sup>#</sup> harmonic minor scale ascending in crotchets, using accidentals F# major scale descending in minims, using the correct key signature

G<sup>#</sup> melodic minor scale ascending in semibreves, using accidentals C harmonic minor scale ascending in dotted crotchets, using the correct key signature B<sup>b</sup> major scale descending in breves, using the correct key signature E<sup>b</sup> melodic minor scale ascending in crotchets, using accidentals B major scale descending in minims, using accidentals  $A^{\flat}$  melodic minor scale ascending in dotted crotchets, using the correct key signature C<sup>b</sup> major scale descending in minims, using accidentals  $D^{\sharp}$  harmonic minor scale ascending in breves, using the correct key signature D<sup>b</sup> major scale ascending in dotted minims, using accidentals

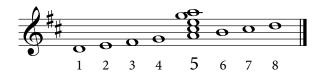
## **Dominant 7ths**

A Dominant 7th is built by using the root, 3rd and 5th notes of the dominant triad within a particular key, and then adding the interval of a 7th and 8ve above the root of the chord.

*Example*: Dominant 7th in the key of D major

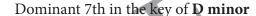






The notes that make up a Dominant 7th are the same in a major key as they are in a minor key. This is as a result of the minor key's raised 7th note (see the example below):

Dominant 7th in the key of **D major** 

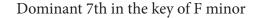






Using the correct key signature, write the following one octave dominant 7ths, ascending and descending in minims (see the example):

Dominant 7th in the key of B major

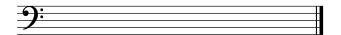


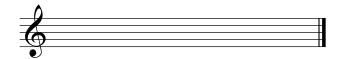




Dominant 7th in the key of D<sup>b</sup> major

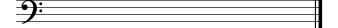
Dominant 7th in the key of F<sup>#</sup> major





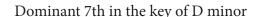
Dominant 7th in the key of E major

Dominant 7th in the key of E<sup>b</sup> minor

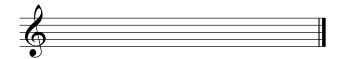




Dominant 7th in the key of G<sup>#</sup> minor







Write the following one octave dominant 7ths, ascending and descending in crotchets. Use accidentals where required rather than the key signature (see the example):

Dominant 7th in the key of B<sup>b</sup> minor Dominant 7th in the key of F# minor raised 7th Dominant 7th in the key of E<sup>b</sup> major Dominant 7th in the key of D# minor Dominant 7th in the key of C# major Dominant 7th in the key of A major Dominant 7th in the key of C minor Dominant 7th in the key of B major Write the following one octave dominant 7ths, ascending and descending in semibreves. Use accidentals where required rather than the key signature: Dominant 7th in the key of Ab major Dominant 7th in the key of G minor Dominant 7th in the key of C# minor Dominant 7th in the key of A# minor Dominant 7th in the key of A<sup>b</sup> minor Dominant 7th in the key of C<sup>b</sup> major Dominant 7th in the key of G<sup>b</sup> major Dominant 7th in the key of B minor

## **Alto Clef**

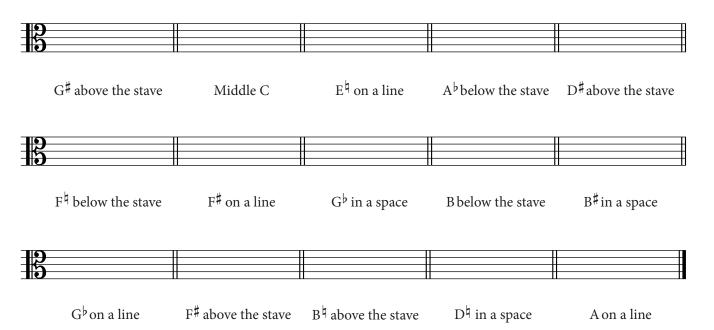
In previous grades you have been required to understand how to read and write **treble** and **bass** clef notes. In Grade Four, you will also be using the **alto** clef. Note where **Middle C** is located for each of the three different clefs below:



Name the following **alto clef** notes:



Write the following **alto clef** notes as crotchets:



Note where the sharps and flats are placed when writing key signatures using the alto clef:



Transcribe the following short **treble and bass** clef melodies into **alto** clef (*the first bar has been completed as an example*):





## **Revision Test - Notation**

Complete this revision test at your lesson.



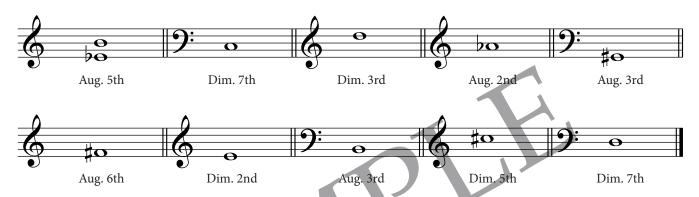
Total: /30

# **Augmented and Diminished Intervals**

In previous grades you have been asked to identify intervals as being either major, minor or perfect. There are two other interval names to identify in Grade Four:

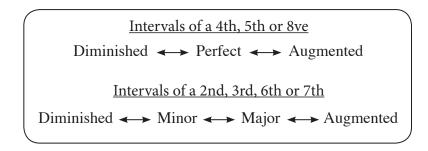
- If you raise the top note in either a major or perfect interval by a semitone, the interval becomes an **augmented** interval.
- If you lower the top note in either a minor or perfect interval by a semitone, the interval becomes a **diminished** interval.

Write the following intervals above the given note (*see the example*):



There will be occasions where you are required to write a diminished 2nd, 3rd, 6th or 7th above a note that has no corresponding minor scale (eg. a diminished 3rd above  $D^{\flat}$ ), or likewise an augmented 2nd, 3rd, 6th or 7th above a note that has no corresponding major scale (eg. an augmented 6th above  $D^{\sharp}$ ).

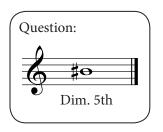
To write a **diminished 2nd**, **3rd**, **6th** or **7th** using a **major** scale as your reference, you must lower the note you are writing by two semitones (or a tone). The first semitone is to change the interval from major to minor, and the second semitone to change the interval from minor to diminished. Likewise, to write an **augmented 3rd**, **6th** or **7th** using a **minor** scale as reference, you must raise the note you are writing by two semitones. To write an **augmented 2nd** using a **minor** scale as reference, you only need to raise the note you are writing by one semitone, as the interval of a 2nd is major in both major and minor scales.



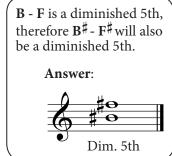
Write the following intervals above the given note:



There are no major **or** minor scales that start on  $B^{\sharp}$ ,  $E^{\sharp}$  or  $F^{\flat}$ . The way to write an interval above one of these notes is as follows:



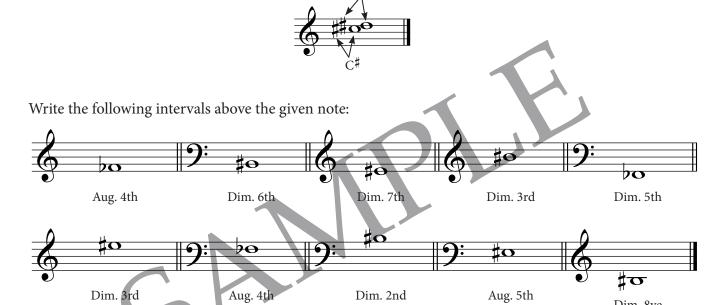
As there is neither a B#major **nor** a B#minor scale, lower the given note by a semitone and work out a diminished 5th above B. Dim. 5th



Dim. 8ve

The method above should also be applied when working out an interval above a double sharp or double flat.

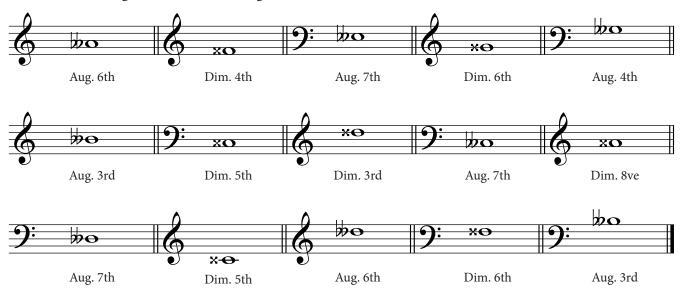
When both notes of a 2nd interval require an accidental, the order for the placement of the accidentals is as follows:



Dim. 2nd

Aug. 5th

Write the following intervals above the given note:



Write the following intervals above the given note:





Name the following intervals (*abbreviations may be used*):



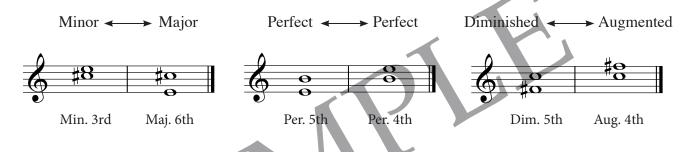


# **Inversion of Intervals**

To invert an interval, you must change both the order of the two notes **and** the interval name. Changing the order of the interval is easy - you either take the lower note of the interval up an octave, or the higher note of the interval down an octave (*whichever option fits best within the stave*).



You must also invert both the name and number of the original interval. To invert the number, you subtract the original interval number from the number '9' (ie. '3rd' will become '6th', and '4th' will become '5th'). The name of the interval changes in the following way:



Write the following intervals above the given note and then invert the interval in the following bar. Be sure to add the name of the inverted interval (*see the example*):



Name the following intervals, and invert the interval in the following bar. Be sure to add the name of the inverted interval (*see the example*):

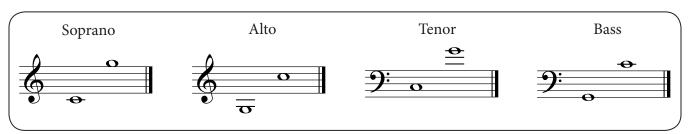
Treble Clef:



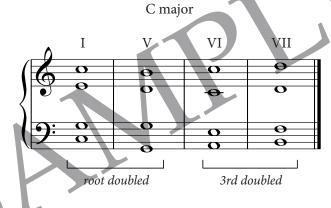
# **Forming Chords for SATB**

The letters 'SATB' are used to represent the four different voices vocal harmony is written for (Soprano, Alto, Tenor, Bass). When writing SATB, it is important to understand the vocal range for each individual voice.

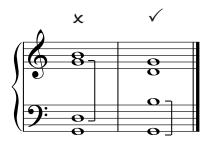
**Vocal Ranges** 



Triads are used as the basis for writing for SATB, however as there are only three notes in a triad one note must be used twice, or *doubled*. In Grade Four, the root note of the triad is doubled in all chords except for chords VI and VII, where the 3rd is doubled (*see the examples below*):



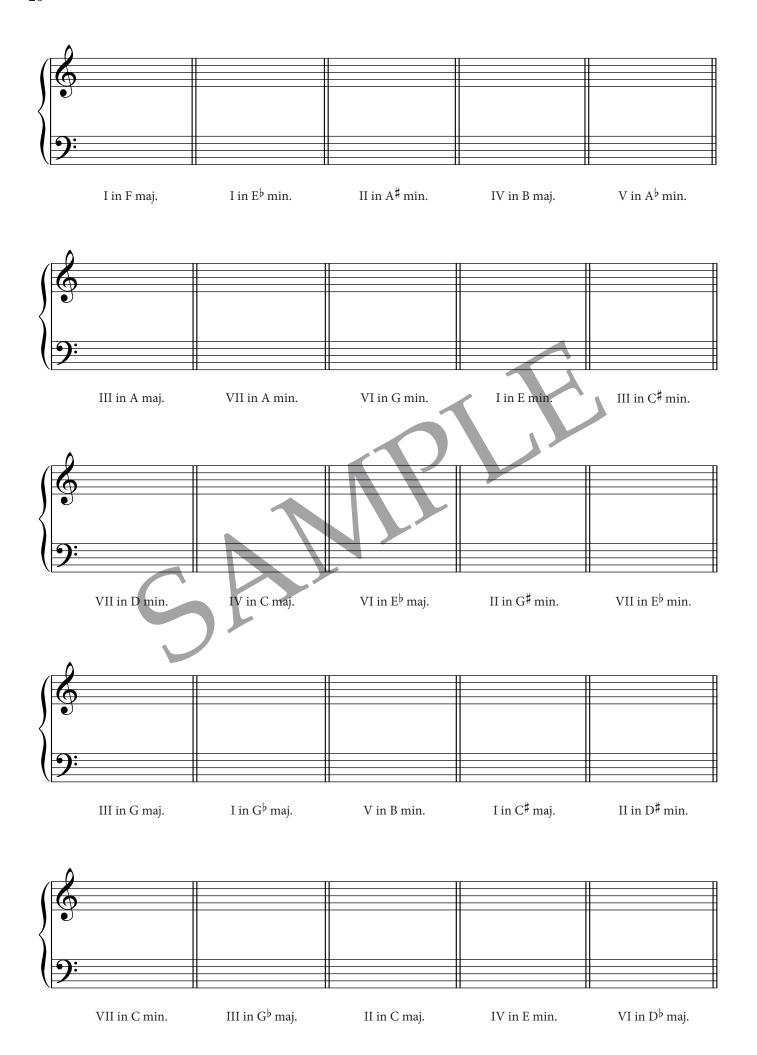
When completing chords in SATB it is important to keep the note spacing as even as possible. There cannot be a space of more than an octave between any two voices other than between the tenor and bass.



Remember that chords III, V and VII contain the leading note. The leading note must be raised by a semitone if the chord you are writing is from a minor key.

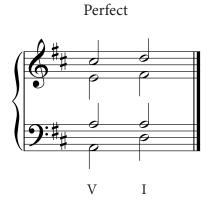
Using the correct key signature, write the following SATB chords as semibreves (see the example):

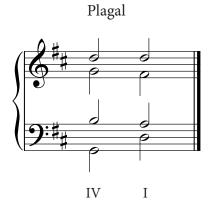




## **Cadences**

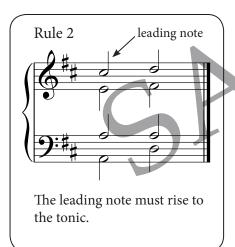
Cadences give phrases a distinctive ending. In Grade Four you will need to write **perfect** and **plagal** cadences.

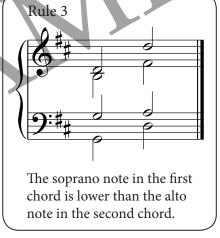


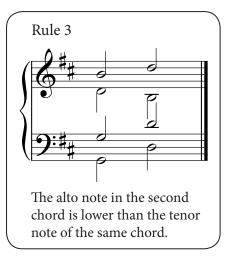


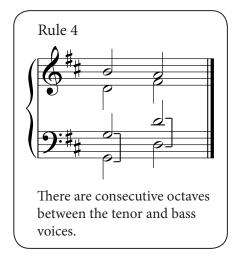
There are four rules that must be followed when writing harmony.

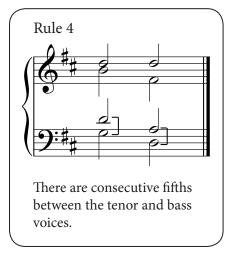
- 1. There can only be a gap of more than an octave between the tenor and bass voices (see page 13).
- 2. A voice that contains the leading note should rise to the tonic in the next chord.
- 3. You cannot overlap voices.
- 4. You must not have consecutive perfect 5ths or perfect 8ves between any two chords.











Using minims, write **perfect cadences** for the following **major** keys. Remember, the leading note must rise and the note that is common to both chords V and I should be allocated to the same voice (*see example*):

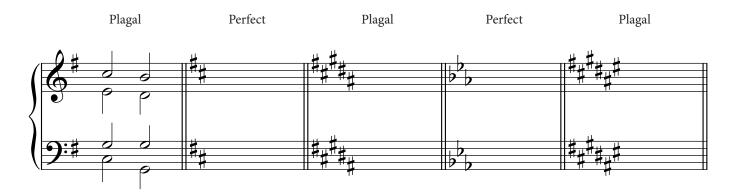


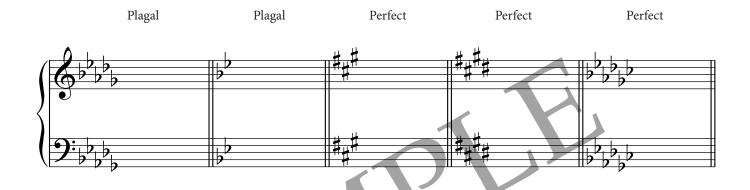
Using minims, write **plagal cadences** for the following **major** keys. The note that is common to both chords IV and I should be allocated to the same voice (*see the example*):



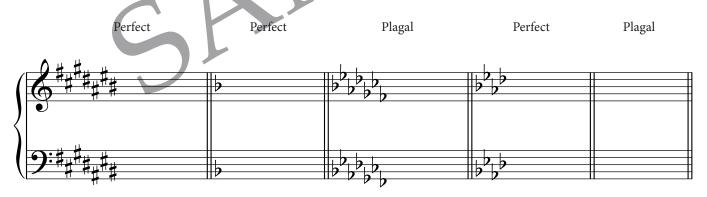


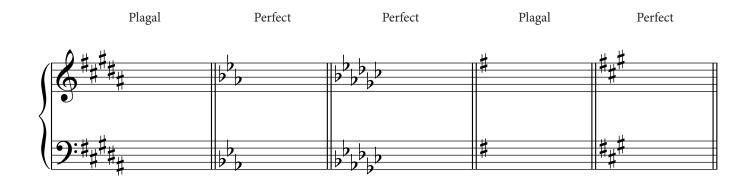
Using minims, write the required cadence for the following **major** keys (see the example):





Using minims, write the required cadence for the following **minor** keys:

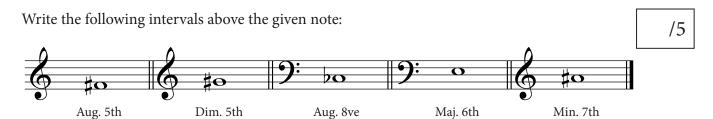




/8

# **Revision Test - Intervals, Chords & Cadences**

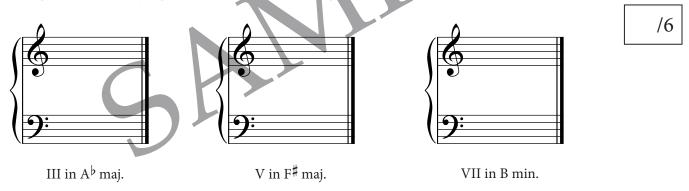
Complete this revision test at your lesson.



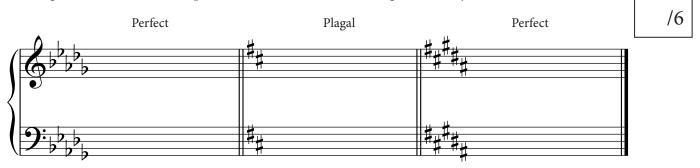
Name the following intervals, and invert the interval in the following bar. Be sure to add the name of the inverted interval:



Using the correct key signature, write the following SATB chords as semibreves:



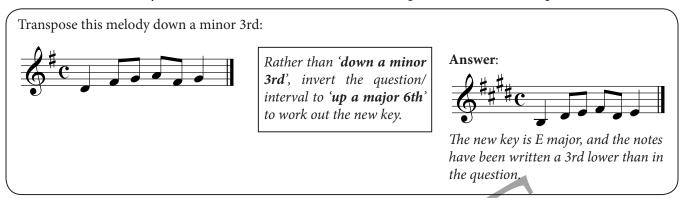
Using minims, write the required cadence for the following **minor** keys:



Total: /25

## **Transposition**

For Grade Four, you are required to transpose melodies **up or down** any of the intervals included in this Grade. When transposing **down** an interval, it is easier to work out the new key by inverting the interval in the question. The inverted interval **above** the original key will give you the new key. Once you have worked out the new key, be sure to write the notes down the required interval. *Example:* 



Transpose the following melodies by the required interval. Remember to add the key and time signatures for each transposition:



Down a Perfect 4th



Down a major 2nd



Up an augmented 6th



Up a major 7th



Down a diminished 5th



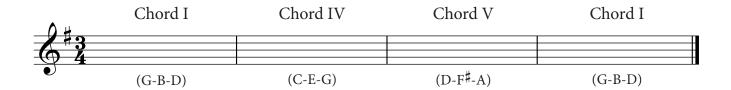


Up a minor 3rd



# **Melody Writing**

In Grade Four you are required to write a four bar melody. By following the structure outlined below, you will be able to write an effective short melody.



Follow the chord structure above when planning your melody. Use a note of the chord for each beat of the bar in bars 1, 2 and 3. You can use *passing notes* between these beats to help the melody to flow (a passing note is a transition note used between two notes of a chord).



#### General hints:

- Work out which key the melody is to be written in, and then plan the chords for each bar.
- Melodies sound better when they move by step, or intervals no larger than a fifth.
- An ascending run in the second last bar will help the melody build to a climax.
- Finish your melody by either rising or falling to the key note. The last note should be a long note to help the phrase to sound complete.

If you are writing your melody in a minor key, follow the melodic minor scale rules. Raise the 6th and 7th notes by a semitone if the melody is ascending to the tonic. If the melody is descending from the tonic you do not raise the 6th or 7th notes.

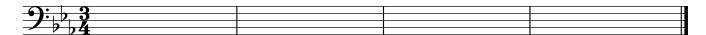


Write four bar melodies in the following keys:

Major



Major





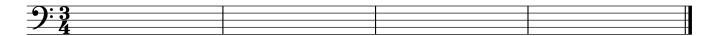
Minor



Minor



Major

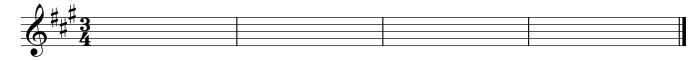


Major





Major



Minor



# **Revision Test - Transposition & Melody Writing**

Complete this revision test at your lesson.

Transpose the following melodies by the required interval. Remember to add the key and time signatures for each transposition:



Write a four bar melody in the following key:



Total: /30

# **Terminology**

Understanding and following the Italian terms in your pieces will enable you to perform more musically. There are ten new terms for you to learn in Grade Four, as well as any terms introduced in previous grades. You will most likely have already come across most of the terms on this list in the pieces you play. Study the terms, and then have someone test you on them at home.

#### **Beginner Grade:**

Forte - loud ( $\boldsymbol{f}$ )

Piano - soft (**p**)

Mezzo forte - moderately loud (**mf**)

Mezzo piano - moderately soft (mp)

Crescendo - gradually becoming louder

Decrescendo - gradually becoming softer

#### **Junior Grade:**

Fortissimo - very loud ( ff)

Pianissimo - very soft (pp)

Accelerando - gradually becoming faster (accel.)

Ritenuto - held back, slower immediately (rit.)

Staccato - short and detached

Legato - smooth and connected

#### **Preliminary Grade:**

Allegro - fast

Andante - at an easy pace

Moderato - at a moderate speed

Rallentando - gradually becoming slower (rall.)

Diminuendo - gradually becoming softer (dim.)

Fermata - pause, hold the note longer than written ( )

#### **Grade One:**

Allegretto - rather fast

Lento - slow

Largo - broad

Vivace - fast and lively

Dolce - soft and sweet

Molto - much

Pesante - heavily

Tenuto - hold the note for it's full length

#### **Grade Two:**

Adagio - slow and leisurely

A tempo - in time

Cantabile - in a singing style

Da Capo - go back to the beginning (D.C.)

Dal segno - go back to the sign (D.S.)

Larghetto - rather broad

Più mosso - quicker at once

Meno mosso - slower at once

Presto - very fast

Poco a poco - little by little

#### Grade Three:

Allargando - becoming slower and broader

Con - with

Fine - end

Con forza - with force

Largamente - broadly

Maestoso - majestic

Marcato - marked, accented ( ^ )

Sempre - always

Simile - continue to perform in the same style

Sostenuto - sustained

#### **Grade Four:**

Forzando - forcefully ( fz)

Con fuoco - with fire

Morendo - dying away

Con moto - with motion

Perdendosi - losing itself by getting softer and

slower

Rubato - robbed time

Sforzando - forcefully (sfz)

Smorzando - dying away (smorz.)

Subito - suddenly (sub.)

Un poco - a little

# **Composers - Twentieth Century**

For Grade Four you will be learning a few facts about five Twentieth Century composers. For each composer also complete the following:

- Find *four* additional interesting facts about the composer and discuss their significance with your teacher.
- Find *four* additional famous pieces of music which the composer has written.

#### Béla Bartók (1881 - 1945)

Place of birth: Nagyszentmiklós (Hungary) Place of death: New York

#### **Famous works:**

- Mikrokosmos
- The Wooden Prince
- The Miraculous Mandarin

#### Interesting facts about Bartók:

- Much of Bartók's music was based on Hungarian folk songs.
- The harmonic structure of his works was very different from music of earlier periods.
- Bartók was a student of both Liszt and Wagner.

### Igor Stravinsky (1882 - 1971)

Place of birth: Lomonosov (Russia) Place of death: New York

#### **Famous works:**

- The Firebird
- The Rite of Spring
- Petrushka

#### **Interesting facts about Stravinsky:**

- There was almost a riot in the concert hall when *The Rite of Spring* was first performed, as it was very different from what audiences were used to hearing.
- Stravinsky changed his citizenship twice, first to French and then to American.
- He never appeared to care whether critics or audiences enjoyed his music.

#### **Sergei Prokofiev (1891 - 1953)**

Place of birth: Sontsovka (Russia) Place of death: Moscow

#### **Famous works:**

- Peter and the Wolf
- The Love of Three Oranges
- Romeo and Juliet

#### **Interesting facts about Prokofiev:**

- Prokofiev was from a wealthy family.
- For around a decade later in his life he composed in a more traditional style, as the Russian government did not like the modern style of music.
- Prokofiev died on the same day as Josef Stalin.

#### **George Gershwin (1898 - 1937)**

Place of birth: New York Place of death: Los Angeles

#### **Famous works:**

- Rhapsody in Blue
- Porgy and Bess
- An American in Paris

#### **Interesting facts about Gershwin:**

- Gershwin's parents were born in Russia, but moved to America.
- He left school at the age of fifteen to work as a pianist for a popular music publisher.
- He moved to California to work on film scores for Hollywood, but died from a serious illness at the age of thirty-eight while working on his third Hollywood score.

#### Aaron Copland (1900 - 1990)

Place of birth: Brooklyn Place of death: New York

#### **Famous works:**

- Billy the Kid
- Appalachian Spring
- Fanfare for the Common Man

#### Interesting facts about Copland:

- Copland played piano at a hotel resort to support his desire to compose.
- He incorporated American folk and jazz melodies into his compositions.
- Copland was one of the first composers to make use of the modern technologies of the early twentieth century, such as recordings, radio and movies.

#### **Benjamin Britten (1913 - 1976)**

Place of birth: Lowestoft (England) Place of death: Aldeburg (England)

#### **Famous works:**

- Peter Grimes
- War Requiem
- The Young Person's Guide to the Orchestra

#### **Interesting facts about Britten:**

- Britten learnt piano and viola as a child, and at the age of thirteen began to study composition.
- His main musical interest was opera, of which he composed thirteen in total.
- He toured Japan in 1957, and a distinctive Eastern influence was obvious in many of his later compositions as a result of his time spent in Asia.

# **Revision Test - Terminology & Composers**

Complete this revision test at your lesson.

Give the English meaning to the following	ng Italian terms:			
Con fuoco:				/5
Sforzando:				
Subito:				
Largamente:				
Dolce:				
Write the Italian words which mean:			C	/5
Dying away:				13
Forcefully:		$\rightarrow \downarrow$		
Gradually becoming slower:				
Rather broad:				
With motion:  Circle the correct answer for the following	ng questions:			
	-6 1			15
Britten was born in the year:	1882	1913	1900	/5
'The Firebird' was written by:	Stravinsky	Bartók	Britten	
'Rhapsody in Blue' was written by:	Prokofiev	Gershwin	Copland	
Stravinsky died in:	Moscow	New York	Los Angeles	
Gershwin's first name was:	Igor	Aaron	George	

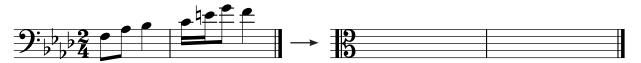
Total: /15

# **Sample Examination Paper 1**

Your name:	
Гeacher's name:	
Exam centre:	Date:
	r this examination: <b>2 Hours</b> a pencil or ink. Read all questions carefully.
Notation (20 marks)	
rite the following key signatures:	
D <sup>b</sup> major D#	minor B major
	9:
√rite a two octave C <sup>♯</sup> melodic minor scale asce	ending in crotchets, using accidentals:
	•
Vrite the following one octave dominant 7ths, a	
se accidentals where required rather than the	
ominant 7th in the key of F <sup>♯</sup> major	Dominant 7th in the key of E <sup>b</sup> minor
	9:
Name the following alto clef notes:	ıL
þ <u>⊕</u>	# <u>•</u>
<b>5</b> 0	<del>O</del>

### Sample Examination Paper - Grade Four

Transcribe the following short melody into alto clef:

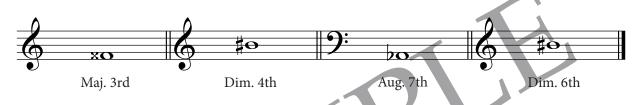


Examiner's use only

 $\sqrt{4}$ 

#### 2. Intervals (20 marks)

Write the following intervals above the given note:



/8

Name the following intervals, and then invert the interval in the following bar. Be sure to add the name of the inverted interval:

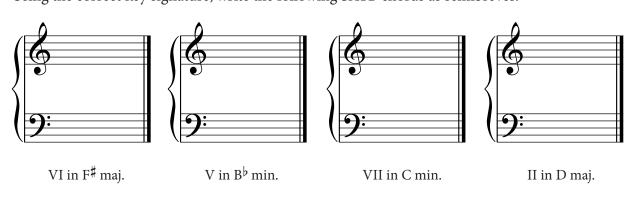


12

 $\frac{1}{4}$ 

### 3. Chords and Cadences (20 marks)

Using the correct key signature, write the following SATB chords as semibreves:



### Sample Examination Paper - Grade Four

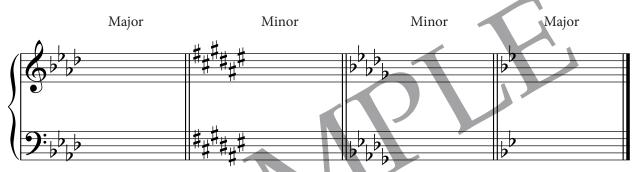
Using minims, write perfect cadences for the following keys:

Examiner's use only





Using minims, write plagal cadences for the following keys:



/8

### 4. Transposition (10 marks)

Transpose the following melody down a diminished 4th:



10

### 5. Melody Writing (10 marks)

Write a four bar melody in the following minor key:



 $\sqrt{10}$ 

## Sample Examination Paper - Grade Four

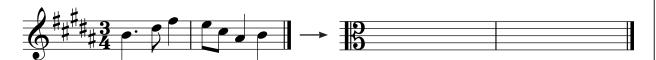
6. General Knowledge (20 marks)				Examiner's use only
Give the English meaning to the fol	llowing Italian terms:			
Con fuoco:				
Morendo:				
Maestoso:				5
Fermata:				
Smorzando:				
Write the Italian words which mean	n:		C.	
Dying away:				
With motion:				
Broadly:				5
Losing itself by getting softer and slow	er:			
Robbed time:				
Circle the correct answer for the fo	llowing questions:			
Stravinsky was born in the year:	1881	1882	1891	
Bartók was born in :	Nagyszentmiklós	Sontsovka	New York	
'Porgy and Bess' was written by:	Britten	Prokofiev	Gershwin	10
'Peter and the Wolf' was written by:	Bartók	Copland	Prokofiev	
Copland died in the year:	1971	1990	1996	
			Total:	
For more sample papers purchase th	e 'Grade Four - Sampl	e Papers' book.		

# **Sample Examination Paper 2**

V		
Your name:  Teacher's name:		
Exam centre:		
Tim	ne allowed for this examination: <b>2 Hours</b> I questions in pencil or ink. Read all questions carefully.	
. Notation (20 marks)		Exam use
Write the following key signatures:		
C <sup>#</sup> major	A <sup>b</sup> major F minor  The state of the state o	/
Write a two octave B <sup>b</sup> harmonic min ignature:	nor scale descending in minims, using the correct key	/
Jsing the correct key signatures, writ	te the following one octave dominant 7ths ascending and	
Dominant 7th in the key of C minor	Dominant 7th in the key of C <sup>#</sup> major	/
Name the following alto clef notes:		,

### Sample Examination Paper 2 - Grade Four

Transcribe the following short melody into alto clef:

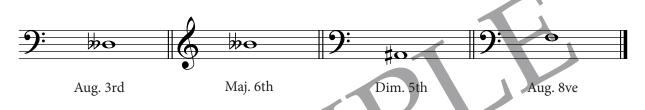


Examiner's use only

 $\sqrt{4}$ 

#### 2. Intervals (20 marks)

Write the following intervals above the given note:



/8

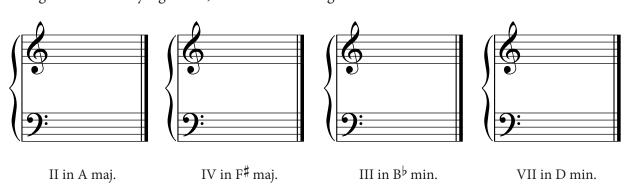
Name the following intervals, and then invert the interval in the following bar. Be sure to add the name of the inverted interval:



# 12

#### 3. Chords and Cadences (20 marks)

Using the correct key signature, write the following SATB chords as semibreves:

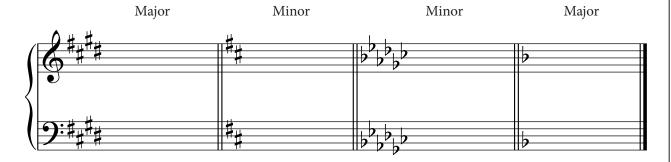


 $\sqrt{4}$ 

### Sample Examination Paper 2 - Grade Four

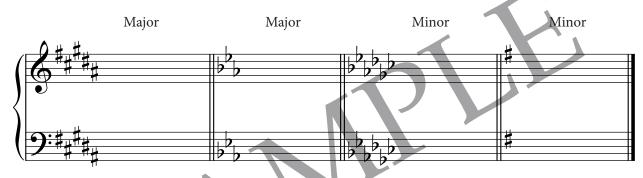
Using minims, write perfect cadences for the following keys:

Examiner's use only





Using minims, write plagal cadences for the following keys:



/8

### 4. Transposition (10 marks)

Transpose the following melody up an augmented 4th:



 $\sqrt{10}$ 

### 5. Melody Writing (10 marks)

Write a four bar melody in the following major key:



 $\sqrt{10}$ 

## Sample Examination Paper 2 - Grade Four

6. General Knowledge (20 marks)				Examiner's use only
Give the English meaning to the following	lowing Italian tern	ns:		
Con moto:				
Perdendosi:				
Un poco:				5
Cantabile:				
Largo:				
Write the Italian words which mean	1:			
Suddenly:				
Forcefully:				
Quicker at once:				5
Soft and sweet:				
Circle the correct answer for the fol	lowing questions:			
Copland was born in the year:	1898	1900	1913	
Gershwin died in :	New York	Los Angeles	Aldeburg	
'Peter Grimes' was written by:	Britten	Prokofiev	Gershwin	10
'The Wooden Prince' was written by:	Bartók	Copland	Prokofiev	
Stavinsky died in the year:	1945	1971	1976	
			Total:	
For more sample papers purchase the	e 'Grade Four - San	nple Papers' book.		