

Major Scales Worksheet

This is the answer key to the Session 7 Bonus Exercise “Major Scales Worksheet” on page 59.

	<i>Whole</i>	<i>Whole</i>	<i>Half</i>	<i>Whole</i>	<i>Whole</i>	<i>Whole</i>	<i>Half</i>	<i>How many sharps (#) or flats (b)?</i>	<i>What are they?</i>
C	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>A</u>	<u>B</u>	<u>C</u>	none	none
The following scales all contain SHARPS.									
G	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F#</u>	<u>G</u>	1#	F#
D	<u>E</u>	<u>F#</u>	<u>G</u>	<u>A</u>	<u>B</u>	<u>C#</u>	<u>D</u>	2#'s	F#,C#
A	<u>B</u>	<u>C#</u>	<u>D</u>	<u>E</u>	<u>F#</u>	<u>G#</u>	<u>A</u>	3#'s	F#,C#,G#
E	<u>F#</u>	<u>G#</u>	<u>A</u>	<u>B</u>	<u>C#</u>	<u>D#</u>	<u>E</u>	4#'s	F#,C#,G#,D#
B	<u>C#</u>	<u>D#</u>	<u>E</u>	<u>F#</u>	<u>G#</u>	<u>A#</u>	<u>B</u>	5#'s	F#,C#,G#,D#,A#
F#	<u>G#</u>	<u>A#</u>	<u>B</u>	<u>C#</u>	<u>D#</u>	<u>E#</u>	<u>F#</u>	6#'s	F#,C#,G#,D#,A#,E#
The following scales all contain FLATS.									
F	<u>G</u>	<u>A</u>	<u>Bb</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	1b	Bb
Bb	<u>C</u>	<u>D</u>	<u>Eb</u>	<u>F</u>	<u>G</u>	<u>A</u>	<u>Bb</u>	2b's	Bb,Eb
Eb	<u>F</u>	<u>G</u>	<u>Ab</u>	<u>Bb</u>	<u>C</u>	<u>D</u>	<u>Eb</u>	3b's	Bb,Eb,Ab
Ab	<u>Bb</u>	<u>C</u>	<u>Db</u>	<u>Eb</u>	<u>F</u>	<u>G</u>	<u>Ab</u>	4b's	Bb,Eb,Ab,Db
Db	<u>Eb</u>	<u>F</u>	<u>Gb</u>	<u>Ab</u>	<u>Bb</u>	<u>C</u>	<u>Db</u>	5b's	Bb,Eb,Ab,Db,Gb
Gb	<u>Ab</u>	<u>Bb</u>	<u>Cb</u>	<u>Db</u>	<u>Eb</u>	<u>F</u>	<u>Gb</u>	6b's	Bb,Eb,Ab,Db,Gb,Cb

Major Scales Mixed Worksheet

This is the answer key to the Session 7 Bonus Exercise “Major Scales Mixed Worksheet” on page 60.

	<i>Whole</i>	<i>Whole</i>	<i>Half</i>	<i>Whole</i>	<i>Whole</i>	<i>Whole</i>	<i>Half</i>	<i>How many sharps (#) or flats (b)?</i>	<i>What are they?</i>
C	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>A</u>	<u>B</u>	<u>C</u>	none	none
Bb	<u>C</u>	<u>D</u>	<u>E_b</u>	<u>F</u>	<u>G</u>	<u>A</u>	<u>B_b</u>	2b's	B _b ,E _b
D	<u>E</u>	<u>F_#</u>	<u>G</u>	<u>A</u>	<u>B</u>	<u>C_#</u>	<u>D</u>	2#'s	F _# ,C _#
Ab	<u>B_b</u>	<u>C</u>	<u>D_b</u>	<u>E_b</u>	<u>F</u>	<u>G</u>	<u>A_b</u>	4b's	B _b ,E _b ,A _b ,D _b
E	<u>F_#</u>	<u>G_#</u>	<u>A</u>	<u>B</u>	<u>C_#</u>	<u>D_#</u>	<u>E</u>	4#'s	F _# ,C _# ,G _# ,D _#
Gb	<u>A_b</u>	<u>B_b</u>	<u>C_b</u>	<u>D_b</u>	<u>E_b</u>	<u>F</u>	<u>G_b</u>	6b's	B _b ,E _b ,A _b ,D _b ,G _b ,C _b
F _#	<u>G_#</u>	<u>A_#</u>	<u>B</u>	<u>C_#</u>	<u>D_#</u>	<u>E_#</u>	<u>F_#</u>	6#'s	F _# ,C _# ,G _# ,D _# ,A _# ,E _#
D _b	<u>E_b</u>	<u>F</u>	<u>G_b</u>	<u>A_b</u>	<u>B_b</u>	<u>C</u>	<u>D_b</u>	5b's	B _b ,E _b ,A _b ,D _b ,G _b
A	<u>B</u>	<u>C_#</u>	<u>D</u>	<u>E</u>	<u>F_#</u>	<u>G_#</u>	<u>A</u>	3#'s	F _# ,C _# ,G _#
E _b	<u>F</u>	<u>G</u>	<u>A_b</u>	<u>B_b</u>	<u>C</u>	<u>D</u>	<u>E_b</u>	3b's	B _b ,E _b ,A _b
B	<u>C_#</u>	<u>D_#</u>	<u>E</u>	<u>F_#</u>	<u>G_#</u>	<u>A_#</u>	<u>B</u>	5#'s	F _# ,C _# ,G _# ,D _# ,A _#
F	<u>G</u>	<u>A</u>	<u>B_b</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	1b	B _b
G	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F_#</u>	<u>G</u>	1#	F _#

Major Scale Table Worksheet

This table is the answer key to the Session 7 Bonus Exercise “Major Scale Table Worksheet” on page 61.

C	D	E	F	G	A	B	C
F	G	A	Bb	C	D	E	F
Bb	C	D	Eb	F	G	A	Bb
Eb	F	G	Ab	Bb	C	D	Eb
Ab	Bb	C	Db	Eb	F	G	Ab
Db	Eb	F	Gb	Ab	Bb	C	Db
Gb	Ab	Bb	Cb	Db	Eb	F	Gb
F#	G#	A#	B	C#	D#	E#	F#
B	C#	D#	E	F#	G#	A#	B
E	F#	G#	A	B	C#	D#	E
A	B	C#	D	E	F#	G#	A
D	E	F#	G	A	B	C#	D
G	A	B	C	D	E	F#	G

The Ultimate Major Scale Mix Up

This table is the answer key to the Session 7 Bonus Exercise “The Ultimate Major Scale Mix Up” on page 62.

Bb	C	D	Eb	F	G	A	Bb
D	E	F#	G	A	B	C#	D
F	G	A	Bb	C	D	E	F
B	C#	D#	E	F#	G#	A#	B
Eb	F	G	Ab	Bb	C	D	Eb
C	D	E	F	G	A	B	C
Gb	Ab	Bb	Cb	Db	Eb	F	Gb
E	F#	G#	A	B	C#	D#	E
G	A	B	C	D	E	F#	G
Db	Eb	F	Gb	Ab	Bb	C	Db
A	B	C#	D	E	F#	G#	A
F#	G#	A#	B	C#	D#	E#	F#
Ab	Bb	C	Db	Eb	F	G	Ab

Keys & Key Signatures Worksheet

This is the answer key to the Session 8 Bonus Exercise “Keys & Key Signatures Worksheet” on page 68.

- 1) What key has 4 sharps in its key signature? E What are they? F# C# G# D#
- 2) What key has 3 flats in its key signature? Eb What are they? Bb Eb Ab
- 3) What key has 2 sharps in its key signature? D What are they? F# C#
- 4) What key has 4 flats in its key signature? Ab What are they? Bb Eb Ab Db
- 5) In the key of Bb, what note(s) are sharped/flatted? Bb, Eb
- 6) In the key of G, what note(s) are sharped/flatted? F#
- 7) In the key of C, what note(s) are sharped/flatted? None
- 8) In the key of E, what note(s) are sharped/flatted? F#, C#, G#, D#
- 9) In the key of Eb, what note(s) are sharped/flatted? Bb, Eb, Ab
- 10) What key has 2 flats in its key signature? Bb What are they? Bb Eb
- 11) What key has 5 flats in its key signature? Db What are they? Bb Eb Ab Db Gb
- 12) What key has 1 sharp in its key signature? G What is it? F#
- 13) What key has 3 sharps in its key signature? A What are they? F# C# G#
- 14) If the key signature has an F# and a C# in it, what's the key? D
- 15) If the key signature has a Bb, Eb, Ab, and a Db, what's the key? Ab
- 16) If the key signature is Bb and Eb, what's the key? Bb
- 17) If the key signature is F#, C#, G#, and D#, what's the key? E
- 18) If the key signature is Bb, Eb, Ab, Db, Gb, and Cb, what's the key? Gb

Determining a Key from a Key Signature

This is the answer key to the Session 8 Bonus Exercise “Determining a Key from a Key Signature” on page 69.

<u>Key Signature</u>	<u>What's the Key?</u>
1) 	<u>D</u>
2) 	<u>E</u>
3) 	<u>G</u>
4) 	<u>B</u>
5) 	<u>Ab</u>
6) 	<u>Bb</u>
7) 	<u>Gb</u>
8) 	<u>Eb</u>
9) 	<u>A</u>
10) 	<u>F</u>
11) 	<u>C</u>
12) 	<u>Db</u>
13) 	<u>F#</u>

Diatonic Intervals Worksheet

This is the answer key to the Session 9 Bonus Exercise “Diatonic Intervals Worksheet” on page 79.

- | | | | |
|--|-----------|--|-----------|
| 1) In C, what is the 3 rd ? | <u>E</u> | 21) In A, what is the 7 th ? | <u>G#</u> |
| 2) In F, what is the 5 th ? | <u>C</u> | 22) In C, what is the 5 th ? | <u>G</u> |
| 3) In G, what is the 2 nd ? | <u>A</u> | 23) In F, what is the 4 th ? | <u>Bb</u> |
| 4) In Bb, what is the 4 th ? | <u>Eb</u> | 24) In G, what is the 5 th ? | <u>D</u> |
| 5) In D, what is the 3 rd ? | <u>F#</u> | 25) In Bb, what is the 7 th ? | <u>A</u> |
| 6) The 7 th in Eb is | <u>D</u> | 26) The 2 nd in D is | <u>E</u> |
| 7) The 2 nd in A is | <u>B</u> | 27) The 2 nd in Eb is | <u>F</u> |
| 8) The 6 th in C is | <u>A</u> | 28) The 3 rd in A is | <u>C#</u> |
| 9) The 7 th in F is | <u>E</u> | 29) The 7 th in C is | <u>B</u> |
| 10) The 3 rd in G is | <u>B</u> | 30) The 2 nd in F is | <u>G</u> |
| 11) In Bb, what is the 6 th ? | <u>G</u> | 31) In G, what is the 7 th ? | <u>F#</u> |
| 12) In D, what is the 5 th ? | <u>A</u> | 32) In Bb, what is the 5 th ? | <u>F</u> |
| 13) In Eb, what is the 3 rd ? | <u>G</u> | 33) In D, what is the 6 th ? | <u>B</u> |
| 14) In A, what is the 4 th ? | <u>D</u> | 34) In Eb, what is the 4 th ? | <u>Ab</u> |
| 15) In C, what is the 2 nd ? | <u>D</u> | 35) In A, what is the 5 th ? | <u>E</u> |
| 16) The 3 rd in F is | <u>A</u> | 36) The 4 th in C is | <u>F</u> |
| 17) The 6 th in G is | <u>E</u> | 37) The 6 th in F is | <u>D</u> |
| 18) The 3 rd in Bb is | <u>D</u> | 38) The 4 th in G is | <u>C</u> |
| 19) The 7 th in D is | <u>C#</u> | 39) The 2 nd in Bb is | <u>C</u> |
| 20) The 5 th in Eb is | <u>Bb</u> | 40) The 4 th in D is | <u>G</u> |

Diatonic Intervals by Key Worksheet

This is the answer key to the Session 9 Bonus Exercise “Diatonic Intervals by Key Worksheet” on page 80.

<p>In the Key of C...</p> <p>1) What is the 3rd ? <u> E </u></p> <p>2) What is the 5th ? <u> G </u></p> <p>3) What is the 7th ? <u> B </u></p> <p>4) What is the 2nd ? <u> D </u></p> <p>5) What is the 4th ? <u> F </u></p> <p>6) What is the 6th ? <u> A </u></p>	<p>In the Key of F...</p> <p>1) What is the 3rd ? <u> A </u></p> <p>2) What is the 5th ? <u> C </u></p> <p>3) What is the 7th ? <u> E </u></p> <p>4) What is the 2nd ? <u> G </u></p> <p>5) What is the 4th ? <u>Bb</u></p> <p>6) What is the 6th ? <u> D </u></p>	<p>In the Key of Bb...</p> <p>1) What is the 3rd ? <u> D </u></p> <p>2) What is the 5th ? <u> F </u></p> <p>3) What is the 7th ? <u> A </u></p> <p>4) What is the 2nd ? <u> C </u></p> <p>5) What is the 4th ? <u>Eb</u></p> <p>6) What is the 6th ? <u> G </u></p>
<p>In the Key of Eb...</p> <p>1) What is the 3rd ? <u> G </u></p> <p>2) What is the 5th ? <u>Bb</u></p> <p>3) What is the 7th ? <u> D </u></p> <p>4) What is the 2nd ? <u> F </u></p> <p>5) What is the 4th ? <u>Ab</u></p> <p>6) What is the 6th ? <u> C </u></p>	<p>In the Key of Ab...</p> <p>1) What is the 3rd ? <u> C </u></p> <p>2) What is the 5th ? <u>Eb</u></p> <p>3) What is the 7th ? <u> G </u></p> <p>4) What is the 2nd ? <u>Bb</u></p> <p>5) What is the 4th ? <u>Db</u></p> <p>6) What is the 6th ? <u> F </u></p>	<p>In the Key of Db...</p> <p>1) What is the 3rd ? <u> F </u></p> <p>2) What is the 5th ? <u>Ab</u></p> <p>3) What is the 7th ? <u> C </u></p> <p>4) What is the 2nd ? <u>Eb</u></p> <p>5) What is the 4th ? <u>Gb</u></p> <p>6) What is the 6th ? <u>Bb</u></p>
<p>In the Key of Gb...</p> <p>1) What is the 3rd ? <u>Bb</u></p> <p>2) What is the 5th ? <u>Db</u></p> <p>3) What is the 7th ? <u> F </u></p> <p>4) What is the 2nd ? <u>Ab</u></p> <p>5) What is the 4th ? <u>Cb</u></p> <p>6) What is the 6th ? <u>Eb</u></p>		

<p>In the Key of G...</p> <p>1) What is the 3rd ? <u> B </u></p> <p>2) What is the 5th ? <u> D </u></p> <p>3) What is the 7th ? <u> F# </u></p> <p>4) What is the 2nd ? <u> A </u></p> <p>5) What is the 4th ? <u> C </u></p> <p>6) What is the 6th ? <u> E </u></p>	<p>In the Key of D...</p> <p>1) What is the 3rd ? <u> F# </u></p> <p>2) What is the 5th ? <u> A </u></p> <p>3) What is the 7th ? <u> C# </u></p> <p>4) What is the 2nd ? <u> E </u></p> <p>5) What is the 4th ? <u> G </u></p> <p>6) What is the 6th ? <u> B </u></p>	<p>In the Key of A...</p> <p>1) What is the 3rd ? <u> C# </u></p> <p>2) What is the 5th ? <u> E </u></p> <p>3) What is the 7th ? <u> G# </u></p> <p>4) What is the 2nd ? <u> B </u></p> <p>5) What is the 4th ? <u> D </u></p> <p>6) What is the 6th ? <u> F# </u></p>
<p>In the Key of E...</p> <p>1) What is the 3rd ? <u> G# </u></p> <p>2) What is the 5th ? <u> B </u></p> <p>3) What is the 7th ? <u> D# </u></p> <p>4) What is the 2nd ? <u> F# </u></p> <p>5) What is the 4th ? <u> A </u></p> <p>6) What is the 6th ? <u> C# </u></p>	<p>In the Key of B...</p> <p>1) What is the 3rd ? <u> D# </u></p> <p>2) What is the 5th ? <u> F# </u></p> <p>3) What is the 7th ? <u> A# </u></p> <p>4) What is the 2nd ? <u> C# </u></p> <p>5) What is the 4th ? <u> E </u></p> <p>6) What is the 6th ? <u> G# </u></p>	<p>In the Key of F#...</p> <p>1) What is the 3rd ? <u> A# </u></p> <p>2) What is the 5th ? <u> C# </u></p> <p>3) What is the 7th ? <u> E# </u></p> <p>4) What is the 2nd ? <u> G# </u></p> <p>5) What is the 4th ? <u> B </u></p> <p>6) What is the 6th ? <u> D# </u></p>

More Challenging Diatonic Intervals

This is the answer key to the Session 9 Bonus Exercise “More Challenging Diatonic Intervals” on page 82.

- | | | | |
|--|-----------|--|-----------|
| 1) In Ab, what is the 3 rd ? | <u>C</u> | 21) In Db, what is the 3 rd ? | <u>F</u> |
| 2) In E, what is the 5 th ? | <u>B</u> | 22) In B, what is the 7 th ? | <u>A#</u> |
| 3) In Db, what is the 2 nd ? | <u>Eb</u> | 23) In Gb, what is the 4 th ? | <u>Cb</u> |
| 4) In B, what is the 4 th ? | <u>E</u> | 24) In F#, what is the 2 nd ? | <u>G#</u> |
| 5) In Gb, what is the 3 rd ? | <u>Bb</u> | 25) In Ab, what is the 4 th ? | <u>Db</u> |
| 6) The 7 th in F# is | <u>E#</u> | 26) The 2 nd in E is | <u>F#</u> |
| 7) The 2 nd in Ab is | <u>Bb</u> | 27) The 4 th in Db is | <u>Gb</u> |
| 8) The 6 th in E is | <u>C#</u> | 28) The 2 nd in B is | <u>C#</u> |
| 9) The 7 th in Db is | <u>C</u> | 29) The 2 nd in Gb is | <u>Ab</u> |
| 10) The 3 rd in B is | <u>D#</u> | 30) The 4 th in F# is | <u>B</u> |
| 11) In Gb, what is the 6 th ? | <u>Eb</u> | 31) In Ab, what is the 6 th ? | <u>F</u> |
| 12) In F#, what is the 5 th ? | <u>C#</u> | 32) In E, what is the 7 th ? | <u>D#</u> |
| 13) In Ab, what is the 5 th ? | <u>Eb</u> | 33) In Db, what is the 6 th ? | <u>Bb</u> |
| 14) In E, what is the 4 th ? | <u>A</u> | 34) In B, what is the 6 th ? | <u>G#</u> |
| 15) In Db, what is the 4 th ? | <u>Gb</u> | 35) In Gb, what is the 5 th ? | <u>Db</u> |
| 16) The 5 th in B is | <u>F#</u> | 36) The 6 th in F# is | <u>D#</u> |
| 17) The 7 th in Gb is | <u>F</u> | 37) The 3 rd in Ab is | <u>C</u> |
| 18) The 3 rd in F# is | <u>A#</u> | 38) The 5 th in E is | <u>B</u> |
| 19) The 7 th in Ab is | <u>G</u> | 39) The 5 th in Db is | <u>Ab</u> |
| 20) The 3 rd in E is | <u>G#</u> | 40) The 4 th in B is | <u>E</u> |

Harmonic Intervals Worksheet

This is the answer key to the Session 9 Bonus Exercise “Harmonic Intervals Worksheet” on page 83.

- | | |
|---|---|
| 1) In C, what is the dim. 5 th ? <u>Gb</u> | 21) In A, what is the min. 7 th ? <u>G</u> |
| 2) In F, what is the min. 3 rd ? <u>Ab</u> | 22) In C, what is the aug. 5 th ? <u>G#</u> |
| 3) In G, what is the aug. 4 th ? <u>C#</u> | 23) In F, what is the aug. 4 th ? <u>B</u> |
| 4) In Bb, what is the min. 2 nd ? <u>Cb</u> | 24) In G, what is the aug. 5 th ? <u>D#</u> |
| 5) In D, what is the aug. 5 th ? <u>A#</u> | 25) In Bb, what is the min. 7 th ? <u>Ab</u> |
| 6) The min 7 th in Eb is <u>Db</u> | 26) The min. 2 nd in D is <u>Eb</u> |
| 7) The min 2 nd in A is <u>Bb</u> | 27) The aug. 2 nd in Eb is <u>F#</u> |
| 8) The aug. 6 th in C is <u>A#</u> | 28) The min. 3 rd in A is <u>C</u> |
| 9) The min. 7 th in F is <u>Eb</u> | 29) The min. 7 th in C is <u>Bb</u> |
| 10) The min. 3 rd in G is <u>Bb</u> | 30) The aug. 2 nd in F is <u>G#</u> |
| 11) In Bb, what is the aug. 6 th ? <u>G#</u> | 31) In G, what is the dim. 5 th ? <u>Db</u> |
| 12) In D, what is the dim. 5 th ? <u>Ab</u> | 32) In Bb, what is the aug. 5 th ? <u>F#</u> |
| 13) In Eb, what is the min. 3 rd ? <u>Gb</u> | 33) In D, what is the min. 3 rd ? <u>F</u> |
| 14) In A, what is the aug. 4 th ? <u>D#</u> | 34) In Eb, what is the min. 2 nd ? <u>Fb</u> |
| 15) In C, what is the min. 2 nd ? <u>Db</u> | 35) In A, what is the dim. 5 th ? <u>Eb</u> |
| 16) The min. 2 nd in F is <u>Gb</u> | 36) The min. 3 rd in C is <u>Eb</u> |
| 17) The min. 7 th in G is <u>F</u> | 37) The aug. 5 th in F is <u>C#</u> |
| 18) The min. 3 rd in Bb is <u>Db</u> | 38) The aug. 2 nd in G is <u>A#</u> |
| 19) The min. 7 th in D is <u>C</u> | 39) The dim. 5 th in Bb is <u>Fb</u> |
| 20) The aug. 5 th in Eb is <u>B</u> | 40) The aug. 2 nd in D is <u>E#</u> |

Harmonic Intervals by Key Worksheet

This is the answer key to the Session 9 Bonus Exercise “Harmonic Intervals by Key Worksheet” on page 84.

In the Key of C...

- 1) What is the minor 3rd? Eb
- 2) What is the minor 7th? Bb
- 3) What is the aug. 5th? G#
- 4) What is the minor 2nd? Db
- 5) What is the aug. 4th? F#
- 6) What is the aug. 2nd? D#
- 7) What is the dim. 5th? Gb

In the Key of F...

- 1) What is the minor 3rd? Ab
- 2) What is the minor 7th? Eb
- 3) What is the aug. 5th? C#
- 4) What is the minor 2nd? Gb
- 5) What is the aug. 4th? B
- 6) What is the aug. 2nd? G#
- 7) What is the dim. 5th? Cb

In the Key of Bb...

- 1) What is the minor 3rd? Db
- 2) What is the minor 7th? Ab
- 3) What is the aug. 5th? F#
- 4) What is the minor 2nd? Cb
- 5) What is the aug. 4th? E
- 6) What is the aug. 2nd? C#
- 7) What is the dim. 5th? Fb

In the Key of Eb...

- 1) What is the minor 3rd? Gb
- 2) What is the minor 7th? Db
- 3) What is the aug. 5th? B
- 4) What is the minor 2nd? Fb
- 5) What is the aug. 4th? A
- 6) What is the aug. 2nd? F#
- 7) What is the dim. 5th? Bbb

In the Key of Ab...

- 1) What is the minor 3rd? Cb
- 2) What is the minor 7th? Gb
- 3) What is the aug. 5th? E
- 4) What is the minor 2nd? Bbb
- 5) What is the aug. 4th? D
- 6) What is the aug. 2nd? B
- 7) What is the dim. 5th? Ebb

In the Key of Db...

- 1) What is the minor 3rd? Fb
- 2) What is the minor 7th? Cb
- 3) What is the aug. 5th? A
- 4) What is the minor 2nd? Ebb
- 5) What is the aug. 4th? G
- 6) What is the aug. 2nd? E
- 7) What is the dim. 5th? Abb

In the Key of Gb...

- 1) What is the minor 3rd? Bbb
- 2) What is the minor 7th? Fb
- 3) What is the aug. 5th? D
- 4) What is the minor 2nd? Abb
- 5) What is the aug. 4th? C
- 6) What is the aug. 2nd? A
- 7) What is the dim. 5th? Dbb

In the Key of G...

- 1) What is the minor 3rd? Bb
- 2) What is the minor 7th? F
- 3) What is the aug. 5th? D#
- 4) What is the minor 2nd? Ab
- 5) What is the aug. 4th? C#
- 6) What is the aug. 2nd? A#
- 7) What is the dim. 5th? Db

In the Key of D...

- 1) What is the minor 3rd? F
- 2) What is the minor 7th? C
- 3) What is the aug. 5th? A#
- 4) What is the minor 2nd? Eb
- 5) What is the aug. 4th? G#
- 6) What is the aug. 2nd? E#
- 7) What is the dim. 5th? Ab

In the Key of A...

- 1) What is the minor 3rd? C
- 2) What is the minor 7th? G
- 3) What is the aug. 5th? E#
- 4) What is the minor 2nd? Bb
- 5) What is the aug. 4th? D#
- 6) What is the aug. 2nd? B#
- 7) What is the dim. 5th? Eb

In the Key of E...

- 1) What is the minor 3rd? G
- 2) What is the minor 7th? D
- 3) What is the aug. 5th? B#
- 4) What is the minor 2nd? F
- 5) What is the aug. 4th? A#
- 6) What is the aug. 2nd? F##
- 7) What is the dim. 5th? Bb

In the Key of B...

- 1) What is the minor 3rd? D
- 2) What is the minor 7th? A
- 3) What is the aug. 5th? F##
- 4) What is the minor 2nd? C
- 5) What is the aug. 4th? E#
- 6) What is the aug. 2nd? C##
- 7) What is the dim. 5th? F

In the Key of F#...

- 1) What is the minor 3rd? A
- 2) What is the minor 7th? E
- 3) What is the aug. 5th? C##
- 4) What is the minor 2nd? G
- 5) What is the aug. 4th? B#
- 6) What is the aug. 2nd? G##
- 7) What is the dim. 5th? C

The Most Important Harmonic Intervals

This is the answer key to the Session 9 Bonus Exercise “The Most Important Harmonic Intervals” on page 86.

	<p>In the Key of C...</p> <p>1) What is the minor 3rd? <u>E_b</u></p> <p>2) What is the minor 7th? <u>B_b</u></p> <p>3) What is the aug. 5th? <u>G_#</u></p> <p>4) What is the dim. 5th? <u>G_b</u></p>	
<p>In the Key of F...</p> <p>1) What is the minor 3rd? <u>A_b</u></p> <p>2) What is the minor 7th? <u>E_b</u></p> <p>3) What is the aug. 5th? <u>C_#</u></p> <p>4) What is the dim. 5th? <u>C_b</u></p>	<p>In the Key of B_b...</p> <p>1) What is the minor 3rd? <u>D_b</u></p> <p>2) What is the minor 7th? <u>A_b</u></p> <p>3) What is the aug. 5th? <u>F_#</u></p> <p>4) What is the dim. 5th? <u>F_b</u></p>	<p>In the Key of E_b...</p> <p>1) What is the minor 3rd? <u>G_b</u></p> <p>2) What is the minor 7th? <u>D_b</u></p> <p>3) What is the aug. 5th? <u>B</u></p> <p>4) What is the dim. 5th? <u>B_{bb}</u></p>
<p>In the Key of A_b...</p> <p>1) What is the minor 3rd? <u>C_b</u></p> <p>2) What is the minor 7th? <u>G_b</u></p> <p>3) What is the aug. 5th? <u>E</u></p> <p>4) What is the dim. 5th? <u>E_{bb}</u></p>	<p>In the Key of D_b...</p> <p>1) What is the minor 3rd? <u>F_b</u></p> <p>2) What is the minor 7th? <u>C_b</u></p> <p>3) What is the aug. 5th? <u>A</u></p> <p>4) What is the dim. 5th? <u>A_{bb}</u></p>	<p>In the Key of G_b...</p> <p>1) What is the minor 3rd? <u>B_{bb}</u></p> <p>2) What is the minor 7th? <u>F_b</u></p> <p>3) What is the aug. 5th? <u>D</u></p> <p>4) What is the dim. 5th? <u>D_{bb}</u></p>
<p>In the Key of G...</p> <p>1) What is the minor 3rd? <u>B_b</u></p> <p>2) What is the minor 7th? <u>F</u></p> <p>3) What is the aug. 5th? <u>D_#</u></p> <p>4) What is the dim. 5th? <u>D_b</u></p>	<p>In the Key of D...</p> <p>1) What is the minor 3rd? <u>F</u></p> <p>2) What is the minor 7th? <u>C</u></p> <p>3) What is the aug. 5th? <u>A_#</u></p> <p>4) What is the dim. 5th? <u>A_b</u></p>	<p>In the Key of A...</p> <p>1) What is the minor 3rd? <u>C</u></p> <p>2) What is the minor 7th? <u>G</u></p> <p>3) What is the aug. 5th? <u>E_#</u></p> <p>4) What is the dim. 5th? <u>E_b</u></p>
<p>In the Key of E...</p> <p>1) What is the minor 3rd? <u>G</u></p> <p>2) What is the minor 7th? <u>D</u></p> <p>3) What is the aug. 5th? <u>B_#</u></p> <p>4) What is the dim. 5th? <u>B_b</u></p>	<p>In the Key of B...</p> <p>1) What is the minor 3rd? <u>D</u></p> <p>2) What is the minor 7th? <u>A</u></p> <p>3) What is the aug. 5th? <u>F_#_#</u></p> <p>4) What is the dim. 5th? <u>F</u></p>	<p>In the Key of F_#...</p> <p>1) What is the minor 3rd? <u>A</u></p> <p>2) What is the minor 7th? <u>E</u></p> <p>3) What is the aug. 5th? <u>C_#_#</u></p> <p>4) What is the dim. 5th? <u>C</u></p>

Ultimate Interval Challenge

This is the answer key to the Session 9 Bonus Exercise “Ultimate Interval Challenge” on page 87.

- | | | | |
|---|------------|--|------------|
| 1) In C, what is the augmented 2 nd ? | <u>D#</u> | 21) In G, what is the diminished 5 th ? | <u>Db</u> |
| 2) In F, what is the perfect 4 th ? | <u>Bb</u> | 22) In D, what is the 7 th ? | <u>C#</u> |
| 3) In Bb, what is the minor 6 th ? | <u>Gb</u> | 23) In A, what is the augmented 4 th ? | <u>D#</u> |
| 4) In Eb, what is the major 7 th ? | <u>D</u> | 24) In E, what is the major 7 th ? | <u>D#</u> |
| 5) In Ab, what is the diminished 5 th ? | <u>Ebb</u> | 25) In B, what is the minor 3 rd ? | <u>D</u> |
| 6) The 3 rd in Db is | <u>F</u> | 26) The 7 th in F# is | <u>E#</u> |
| 7) The augmented 2 nd in Gb is | <u>A</u> | 27) The diminished 5 th in C is | <u>Gb</u> |
| 8) The major 6 th in G is | <u>E</u> | 28) The major 2 nd in F is | <u>G</u> |
| 9) The minor 7 th in D is | <u>C</u> | 29) The minor 3 rd in Bb is | <u>Db</u> |
| 10) The 5 th in A is | <u>E</u> | 30) The perfect 5 th in Eb is | <u>Bb</u> |
| 11) In E, what is the minor 2 nd ? | <u>F</u> | 31) In Ab, what is the augmented 2 nd ? | <u>B</u> |
| 12) In B, what is the major 7 th ? | <u>A#</u> | 32) In Db, what is the 4 th ? | <u>Gb</u> |
| 13) In F#, what is the diminished 5 th ? | <u>C</u> | 33) In Gb, what is the minor 3 rd ? | <u>Bbb</u> |
| 14) In C, what is the perfect 4 th ? | <u>F</u> | 34) In G, what is the 7 th ? | <u>F#</u> |
| 15) In F, what is the minor 7 th ? | <u>Eb</u> | 35) In D, what is the augmented 4 th ? | <u>G#</u> |
| 16) The major 2 nd in Bb is | <u>C</u> | 36) The minor 3 rd in A is | <u>C</u> |
| 17) The augmented 4 th in Eb is | <u>A</u> | 37) The major 6 th in E is | <u>C#</u> |
| 18) The 6 th in Ab is | <u>F</u> | 38) The augmented 2 nd in B is | <u>C##</u> |
| 19) The minor 7 th in Db is | <u>Cb</u> | 39) The 3 rd in F# is | <u>A#</u> |
| 20) The perfect 5 th in Gb is | <u>Db</u> | 40) The octave in C is | <u>C</u> |

Pentatonic Scales Worksheet

This is the answer key to the Session 11 Bonus Exercise “Pentatonic Scales Worksheet” on page 102.

C **D** **E** **G** **A**

SHARP KEYS

FLAT KEYS

G **A** **B** **D** **E**

F **G** **A** **C** **D**

D **E** **F#** **A** **B**

Bb **C** **D** **F** **G**

A **B** **C#** **E** **F#**

Eb **F** **G** **Bb** **C**

E **F#** **G#** **B** **C#**

Ab **Bb** **C** **Eb** **F**

B **C#** **D#** **F#** **G#**

Db **Eb** **F** **Ab** **Bb**

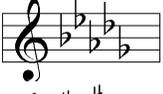
F# **G#** **A#** **C#** **D#**

Gb **Ab** **Bb** **Db** **Eb**

Pentatonic Scale Ultimate Mix Up

This is the answer key to the Session 11 Bonus Exercise “Pentatonic Scale Ultimate Mix Up” on page 103.

Key Signature

- 1) 
- 2) 
- 3) 
- 4) 
- 5) 
- 6) 
- 7) 
- 8) 
- 9) 
- 10) 
- 11) 
- 12) 
- 13) 

What's the Pentatonic Scale?

- | | | | | |
|-----------|-----------|-----------|-----------|-----------|
| <u>D</u> | <u>E</u> | <u>F#</u> | <u>A</u> | <u>B</u> |
| <u>E</u> | <u>F#</u> | <u>G#</u> | <u>B</u> | <u>C#</u> |
| <u>G</u> | <u>A</u> | <u>B</u> | <u>D</u> | <u>E</u> |
| <u>B</u> | <u>C#</u> | <u>D#</u> | <u>F#</u> | <u>G#</u> |
| <u>Ab</u> | <u>Bb</u> | <u>C</u> | <u>Eb</u> | <u>F</u> |
| <u>Bb</u> | <u>C</u> | <u>D</u> | <u>F</u> | <u>G</u> |
| <u>Gb</u> | <u>Ab</u> | <u>Bb</u> | <u>Db</u> | <u>Eb</u> |
| <u>Eb</u> | <u>F</u> | <u>G</u> | <u>Bb</u> | <u>C</u> |
| <u>A</u> | <u>B</u> | <u>C#</u> | <u>E</u> | <u>F#</u> |
| <u>F</u> | <u>G</u> | <u>A</u> | <u>C</u> | <u>D</u> |
| <u>C</u> | <u>D</u> | <u>E</u> | <u>G</u> | <u>A</u> |
| <u>Db</u> | <u>Eb</u> | <u>F</u> | <u>Gb</u> | <u>Ab</u> |
| <u>F#</u> | <u>G#</u> | <u>A#</u> | <u>C#</u> | <u>D#</u> |

Triads by Key Worksheet

This is the answer key for the Session 13 Exercise "Triads by Key Worksheet" on page 115.

Triad Types	Formulas
Major	1 - 3 - 5
Minor	1 - b3 - 5
Augmented	1 - 3 - #5
Diminished	1 - b3 - b5

C Major	<u>C</u>	<u>E</u>	<u>G</u>	Eb Major	<u>Eb</u>	<u>G</u>	<u>Bb</u>
C Minor	<u>C</u>	<u>Eb</u>	<u>G</u>	Eb Minor	<u>Eb</u>	<u>Gb</u>	<u>Bb</u>
C Augmented	<u>C</u>	<u>E</u>	<u>G#</u>	Eb Augmented	<u>Eb</u>	<u>G</u>	<u>B</u>
C Diminished	<u>C</u>	<u>Eb</u>	<u>Gb</u>	Eb Diminished	<u>Eb</u>	<u>Gb</u>	<u>Bbb</u>
F Major	<u>F</u>	<u>A</u>	<u>C</u>	A Major	<u>A</u>	<u>C#</u>	<u>E</u>
F Minor	<u>F</u>	<u>Ab</u>	<u>C</u>	A Minor	<u>A</u>	<u>C</u>	<u>E</u>
F Augmented	<u>F</u>	<u>A</u>	<u>C#</u>	A Augmented	<u>A</u>	<u>C#</u>	<u>E#</u>
F Diminished	<u>F</u>	<u>Ab</u>	<u>Cb</u>	A Diminished	<u>A</u>	<u>C</u>	<u>Eb</u>
G Major	<u>G</u>	<u>B</u>	<u>D</u>	Ab Major	<u>Ab</u>	<u>C</u>	<u>Eb</u>
G Minor	<u>G</u>	<u>Bb</u>	<u>D</u>	Ab Minor	<u>Ab</u>	<u>Cb</u>	<u>Eb</u>
G Augmented	<u>G</u>	<u>B</u>	<u>D#</u>	Ab Augmented	<u>Ab</u>	<u>C</u>	<u>E</u>
G Diminished	<u>G</u>	<u>Bb</u>	<u>Db</u>	Ab Diminished	<u>Ab</u>	<u>Cb</u>	<u>Ebb</u>
Bb Major	<u>Bb</u>	<u>D</u>	<u>F</u>	E Major	<u>E</u>	<u>G#</u>	<u>B</u>
Bb Minor	<u>Bb</u>	<u>Db</u>	<u>F</u>	E Minor	<u>E</u>	<u>G</u>	<u>B</u>
Bb Augmented	<u>Bb</u>	<u>D</u>	<u>F#</u>	E Augmented	<u>E</u>	<u>G#</u>	<u>B#</u>
Bb Diminished	<u>Bb</u>	<u>Db</u>	<u>Fb</u>	E Diminished	<u>E</u>	<u>G</u>	<u>Bb</u>
D Major	<u>D</u>	<u>F#</u>	<u>A</u>	Db Major	<u>Db</u>	<u>F</u>	<u>Ab</u>
D Minor	<u>D</u>	<u>F</u>	<u>A</u>	Db Minor	<u>Db</u>	<u>Fb</u>	<u>Ab</u>
D Augmented	<u>D</u>	<u>F#</u>	<u>A#</u>	Db Augmented	<u>Db</u>	<u>F</u>	<u>A</u>
D Diminished	<u>D</u>	<u>F</u>	<u>Ab</u>	Db Diminished	<u>Db</u>	<u>Fb</u>	<u>Abb</u>

Triads Worksheet

This is the answer key for the Session 13 Exercise “Triads Worksheet” on page 116.

1) C Minor	<u>C</u>	<u>E_b</u>	<u>G</u>	21) F Minor	<u>F</u>	<u>A_b</u>	<u>C</u>
2) F Major	<u>F</u>	<u>A</u>	<u>C</u>	22) G Major	<u>G</u>	<u>B</u>	<u>D</u>
3) G Minor	<u>G</u>	<u>B_b</u>	<u>D</u>	23) C Diminished	<u>C</u>	<u>E_b</u>	<u>G_b</u>
4) B _b Diminished	<u>B_b</u>	<u>D_b</u>	<u>F_b</u>	24) B _b Augmented	<u>B_b</u>	<u>D</u>	<u>F[#]</u>
5) D Augmented	<u>D</u>	<u>F[#]</u>	<u>A[#]</u>	25) E _b Major	<u>E_b</u>	<u>G</u>	<u>B_b</u>
6) E _b Minor	<u>E_b</u>	<u>G_b</u>	<u>B_b</u>	26) D Minor	<u>D</u>	<u>F</u>	<u>A</u>
7) A Major	<u>A</u>	<u>C[#]</u>	<u>E</u>	27) A Diminished	<u>A</u>	<u>C</u>	<u>E_b</u>
8) A _b Minor	<u>A_b</u>	<u>C_b</u>	<u>E_b</u>	28) A _b Major	<u>A_b</u>	<u>C</u>	<u>E_b</u>
9) E Augmented	<u>E</u>	<u>G[#]</u>	<u>B[#]</u>	29) E Minor	<u>E</u>	<u>G</u>	<u>B</u>
10) D _b Major	<u>D_b</u>	<u>F</u>	<u>A_b</u>	30) E _b Diminished	<u>E_b</u>	<u>G_b</u>	<u>B_{bb}</u>
11) B Minor	<u>B</u>	<u>D</u>	<u>F[#]</u>	31) E Major	<u>E</u>	<u>G[#]</u>	<u>B</u>
12) G _b Major	<u>G_b</u>	<u>B_b</u>	<u>D_b</u>	32) D _b Minor	<u>D_b</u>	<u>F_b</u>	<u>A_b</u>
13) F [#] Minor	<u>F[#]</u>	<u>A</u>	<u>C[#]</u>	33) B Major	<u>B</u>	<u>D[#]</u>	<u>F[#]</u>
14) C Major	<u>C</u>	<u>E</u>	<u>G</u>	34) G _b Minor	<u>G_b</u>	<u>B_{bb}</u>	<u>D_b</u>
15) F Diminished	<u>F</u>	<u>A_b</u>	<u>C_b</u>	35) F [#] Major	<u>F[#]</u>	<u>A[#]</u>	<u>C[#]</u>
16) G Augmented	<u>G</u>	<u>B</u>	<u>D[#]</u>	36) C Augmented	<u>C</u>	<u>E</u>	<u>G[#]</u>
17) B _b Minor	<u>B_b</u>	<u>D_b</u>	<u>F</u>	37) F Augmented	<u>F</u>	<u>A</u>	<u>C[#]</u>
18) D Diminished	<u>D</u>	<u>F</u>	<u>A_b</u>	38) G Diminished	<u>G</u>	<u>B_b</u>	<u>D_b</u>
19) E _b Augmented	<u>E_b</u>	<u>G</u>	<u>B</u>	39) B _b Major	<u>B_b</u>	<u>D</u>	<u>F</u>
20) A Minor	<u>A</u>	<u>C</u>	<u>E</u>	40) D Major	<u>D</u>	<u>F[#]</u>	<u>A</u>

Harmonized Major Scales Worksheet

This is the answer key for the Session 15 Exercise "Harmonized Major Scales Worksheet" on page 127.

1) In C, what is the V chord?	<u>G</u>	What notes are in it?	<u>G</u>	<u>B</u>	<u>D</u>
2) In F, what is the iii chord?	<u>Am</u>	What notes are in it?	<u>A</u>	<u>C</u>	<u>E</u>
3) In G, what is the vi chord?	<u>Em</u>	What notes are in it?	<u>E</u>	<u>G</u>	<u>B</u>
4) In Bb, what is the IV chord?	<u>Eb</u>	What notes are in it?	<u>Eb</u>	<u>G</u>	<u>Bb</u>
5) In D, what is the I chord?	<u>D</u>	What notes are in it?	<u>D</u>	<u>F#</u>	<u>A</u>
6) The ii chord in Eb is	<u>Fm</u>	What notes are in it?	<u>F</u>	<u>Ab</u>	<u>C</u>
7) The ii chord in A is	<u>Bm</u>	What notes are in it?	<u>B</u>	<u>D</u>	<u>F#</u>
8) The vi chord in C is	<u>Am</u>	What notes are in it?	<u>A</u>	<u>C</u>	<u>E</u>
9) The vii chord in F is	<u>E dim</u>	What notes are in it?	<u>E</u>	<u>G</u>	<u>Bb</u>
10) The iii chord in G is	<u>Bm</u>	What notes are in it?	<u>B</u>	<u>D</u>	<u>F#</u>
11) In Bb, what is the vi chord?	<u>Gm</u>	What notes are in it?	<u>G</u>	<u>Bb</u>	<u>D</u>
12) In D, what is the V chord?	<u>A</u>	What notes are in it?	<u>A</u>	<u>C#</u>	<u>E</u>
13) In Eb, what is the iii chord?	<u>Gm</u>	What notes are in it?	<u>G</u>	<u>Bb</u>	<u>D</u>
14) In A, what is the IV chord?	<u>D</u>	What notes are in it?	<u>D</u>	<u>F#</u>	<u>A</u>
15) In C, what is the ii chord?	<u>Dm</u>	What notes are in it?	<u>D</u>	<u>F</u>	<u>A</u>
16) The ii chord in F is	<u>Gm</u>	What notes are in it?	<u>G</u>	<u>Bb</u>	<u>D</u>
17) The I chord in G is	<u>G</u>	What notes are in it?	<u>G</u>	<u>B</u>	<u>D</u>
18) The iii chord in Bb is	<u>Dm</u>	What notes are in it?	<u>D</u>	<u>F</u>	<u>A</u>
19) The vii chord in D is	<u>C# dim</u>	What notes are in it?	<u>C#</u>	<u>E</u>	<u>G</u>
20) The V chord in Eb is	<u>Bb</u>	What notes are in it?	<u>Bb</u>	<u>D</u>	<u>F</u>

Seventh Chords by Key Worksheet

This is the answer key for the Session 17 Exercise "Seventh Chords by Key Worksheet" on page 143.

Seventh Types	Formulas
Major 7 th	1 - 3 - 5 - 7
Minor 7 th	1 - b3 - 5 - b7
Dominant 7 th	1 - 3 - 5 - b7
Augmented 7 th	1 - 3 - #5 - b7
Diminished 7 th	1 - b3 - b5 - bb7
Half-Dim. 7 th	1 - b3 - b5 - b7

C Major 7 th	<u>C</u> <u>E</u> <u>G</u> <u>B</u>	Bb Major 7 th	<u>Bb</u> <u>D</u> <u>F</u> <u>A</u>
C Minor 7 th	<u>C</u> <u>Eb</u> <u>G</u> <u>Bb</u>	Bb Minor 7 th	<u>Bb</u> <u>Db</u> <u>F</u> <u>Ab</u>
C Dominant 7 th	<u>C</u> <u>E</u> <u>G</u> <u>Bb</u>	Bb Dominant 7 th	<u>Bb</u> <u>D</u> <u>F</u> <u>Ab</u>
C Augmented 7 th	<u>C</u> <u>E</u> <u>G#</u> <u>Bb</u>	Bb Augmented 7 th	<u>Bb</u> <u>D</u> <u>F#</u> <u>Ab</u>
C Diminished 7 th	<u>C</u> <u>Eb</u> <u>Gb</u> <u>Bbb</u>	Bb Diminished 7 th	<u>Bb</u> <u>Db</u> <u>Fb</u> <u>Abb</u>
C Half-Dim. 7 th	<u>C</u> <u>Eb</u> <u>Gb</u> <u>Bb</u>	Bb Half-Dim. 7 th	<u>Bb</u> <u>Db</u> <u>Fb</u> <u>Ab</u>
F Major 7 th	<u>F</u> <u>A</u> <u>C</u> <u>E</u>	D Major 7 th	<u>D</u> <u>F#</u> <u>A</u> <u>C#</u>
F Minor 7 th	<u>F</u> <u>Ab</u> <u>C</u> <u>Eb</u>	D Minor 7 th	<u>D</u> <u>F</u> <u>A</u> <u>C</u>
F Dominant 7 th	<u>F</u> <u>A</u> <u>C</u> <u>Eb</u>	D Dominant 7 th	<u>D</u> <u>F#</u> <u>A</u> <u>C</u>
F Augmented 7 th	<u>F</u> <u>A</u> <u>C#</u> <u>Eb</u>	D Augmented 7 th	<u>D</u> <u>F#</u> <u>A#</u> <u>C</u>
F Diminished 7 th	<u>F</u> <u>Ab</u> <u>Cb</u> <u>Ebb</u>	D Diminished 7 th	<u>D</u> <u>F</u> <u>Ab</u> <u>Cb</u>
F Half-Dim. 7 th	<u>F</u> <u>Ab</u> <u>Cb</u> <u>Eb</u>	D Half-Dim. 7 th	<u>D</u> <u>F</u> <u>Ab</u> <u>C</u>
G Major 7 th	<u>G</u> <u>B</u> <u>D</u> <u>F#</u>	Eb Major 7 th	<u>Eb</u> <u>G</u> <u>Bb</u> <u>D</u>
G Minor 7 th	<u>G</u> <u>Bb</u> <u>D</u> <u>F</u>	Eb Minor 7 th	<u>Eb</u> <u>Gb</u> <u>Bb</u> <u>Db</u>
G Dominant 7 th	<u>G</u> <u>B</u> <u>D</u> <u>F</u>	Eb Dominant 7 th	<u>Eb</u> <u>G</u> <u>Bb</u> <u>Db</u>
G Augmented 7 th	<u>G</u> <u>B</u> <u>D#</u> <u>F</u>	Eb Augmented 7 th	<u>Eb</u> <u>G</u> <u>B</u> <u>Db</u>
G Diminished 7 th	<u>G</u> <u>Bb</u> <u>Db</u> <u>Fb</u>	Eb Diminished 7 th	<u>Eb</u> <u>Gb</u> <u>Bbb</u> <u>Dbb</u>
G Half-Dim. 7 th	<u>G</u> <u>Bb</u> <u>Db</u> <u>F</u>	Eb Half-Dim. 7 th	<u>Eb</u> <u>Gb</u> <u>Bbb</u> <u>Db</u>

A Major 7 th	<u>A</u>	<u>C#</u>	<u>E</u>	<u>G#</u>	B Major 7 th	<u>B</u>	<u>D#</u>	<u>F#</u>	<u>A#</u>
A Minor 7 th	<u>A</u>	<u>C</u>	<u>E</u>	<u>G</u>	B Minor 7 th	<u>B</u>	<u>D</u>	<u>F#</u>	<u>A</u>
A Dominant 7 th	<u>A</u>	<u>C#</u>	<u>E</u>	<u>G</u>	B Dominant 7 th	<u>B</u>	<u>D#</u>	<u>F#</u>	<u>A</u>
A Augmented 7 th	<u>A</u>	<u>C#</u>	<u>E#</u>	<u>G</u>	B Augmented 7 th	<u>B</u>	<u>D#</u>	<u>F##</u>	<u>A</u>
A Diminished 7 th	<u>A</u>	<u>C</u>	<u>E_b</u>	<u>G_b</u>	B Diminished 7 th	<u>B</u>	<u>D</u>	<u>F</u>	<u>A_b</u>
A Half-Dim. 7 th	<u>A</u>	<u>C</u>	<u>E_b</u>	<u>G</u>	B Half-Dim. 7 th	<u>B</u>	<u>D</u>	<u>F</u>	<u>A</u>
Ab Major 7 th	<u>Ab</u>	<u>C</u>	<u>E_b</u>	<u>G</u>	Gb Major 7 th	<u>G_b</u>	<u>B_b</u>	<u>D_b</u>	<u>F</u>
Ab Minor 7 th	<u>Ab</u>	<u>C_b</u>	<u>E_b</u>	<u>G_b</u>	Gb Minor 7 th	<u>G_b</u>	<u>B_{bb}</u>	<u>D_b</u>	<u>F_b</u>
Ab Dominant 7 th	<u>Ab</u>	<u>C</u>	<u>E_b</u>	<u>G_b</u>	Gb Dominant 7 th	<u>G_b</u>	<u>B_b</u>	<u>D_b</u>	<u>F_b</u>
Ab Augmented 7 th	<u>Ab</u>	<u>C</u>	<u>E</u>	<u>G_b</u>	Gb Augmented 7 th	<u>G_b</u>	<u>B_b</u>	<u>D</u>	<u>F_b</u>
Ab Diminished 7 th	<u>Ab</u>	<u>C_b</u>	<u>E_{bb}</u>	<u>G_{bb}</u>	Gb Diminished 7 th	<u>G_b</u>	<u>B_{bb}</u>	<u>D_{bb}</u>	<u>F_{bb}</u>
Ab Half-Dim. 7 th	<u>Ab</u>	<u>C_b</u>	<u>E_{bb}</u>	<u>G_b</u>	Gb Half-Dim. 7 th	<u>G_b</u>	<u>B_{bb}</u>	<u>D_{bb}</u>	<u>F_b</u>
E Major 7 th	<u>E</u>	<u>G#</u>	<u>B</u>	<u>D#</u>	F# Major 7 th	<u>F#</u>	<u>A#</u>	<u>C#</u>	<u>E#</u>
E Minor 7 th	<u>E</u>	<u>G</u>	<u>B</u>	<u>D</u>	F# Minor 7 th	<u>F#</u>	<u>A</u>	<u>C#</u>	<u>E</u>
E Dominant 7 th	<u>E</u>	<u>G#</u>	<u>B</u>	<u>D</u>	F# Dominant 7 th	<u>F#</u>	<u>A#</u>	<u>C#</u>	<u>E</u>
E Augmented 7 th	<u>E</u>	<u>G#</u>	<u>B#</u>	<u>D</u>	F# Augmented 7 th	<u>F#</u>	<u>A#</u>	<u>C##</u>	<u>E</u>
E Diminished 7 th	<u>E</u>	<u>G</u>	<u>B_b</u>	<u>D_b</u>	F# Diminished 7 th	<u>F#</u>	<u>A</u>	<u>C</u>	<u>E_b</u>
E Half-Dim. 7 th	<u>E</u>	<u>G</u>	<u>B_b</u>	<u>D</u>	F# Half-Dim. 7 th	<u>F#</u>	<u>A</u>	<u>C</u>	<u>E</u>
Db Major 7 th	<u>D_b</u>	<u>F</u>	<u>A_b</u>	<u>C</u>					
Db Minor 7 th	<u>D_b</u>	<u>F_b</u>	<u>A_b</u>	<u>C_b</u>					
Db Dominant 7 th	<u>D_b</u>	<u>F</u>	<u>A_b</u>	<u>C_b</u>					
Db Augmented 7 th	<u>D_b</u>	<u>F</u>	<u>A</u>	<u>C_b</u>					
Db Diminished 7 th	<u>D_b</u>	<u>F_b</u>	<u>A_{bb}</u>	<u>C_{bb}</u>					
Db Half-Dim. 7 th	<u>D_b</u>	<u>F_b</u>	<u>A_{bb}</u>	<u>C_b</u>					

Seventh Chords Worksheet

This is the answer key to the Session 17 Bonus Exercise “Seventh Chords Worksheet” on page 145.

1) Cm7	<u>C</u>	<u>E_b</u>	<u>G</u>	<u>B_b</u>	15) F7	<u>F</u>	<u>A</u>	<u>C</u>	<u>E_b</u>
2) Fmaj7	<u>F</u>	<u>A</u>	<u>C</u>	<u>E</u>	16) Gm7	<u>G</u>	<u>B_b</u>	<u>D</u>	<u>F</u>
3) G7	<u>G</u>	<u>B</u>	<u>D</u>	<u>F</u>	17) Bbmaj7	<u>B_b</u>	<u>D</u>	<u>F</u>	<u>A</u>
4) B ⁰ _b 7	<u>B_b</u>	<u>D_b</u>	<u>F_b</u>	<u>A_b</u>	18) D7	<u>D</u>	<u>F[#]</u>	<u>A</u>	<u>C</u>
5) D ^{aug} 7	<u>D</u>	<u>F[#]</u>	<u>A[#]</u>	<u>C</u>	19) E _b m7	<u>E_b</u>	<u>G_b</u>	<u>B_b</u>	<u>D_b</u>
6) E _b 7	<u>E_b</u>	<u>G</u>	<u>B_b</u>	<u>D_b</u>	20) A ^{aug} 7	<u>A</u>	<u>C[#]</u>	<u>E</u>	<u>G[#]</u>
7) A ^m 7	<u>A</u>	<u>C</u>	<u>E</u>	<u>G</u>	21) F ^m 7	<u>F</u>	<u>A_b</u>	<u>C</u>	<u>E_b</u>
8) A ^Δ 7	<u>A_b</u>	<u>C</u>	<u>E_b</u>	<u>G</u>	22) G+7	<u>G</u>	<u>B</u>	<u>D[#]</u>	<u>F</u>
9) E+7	<u>E</u>	<u>G[#]</u>	<u>B[#]</u>	<u>D</u>	23) C ⁰ 7	<u>C</u>	<u>E_b</u>	<u>G_b</u>	<u>B_b</u>
10) D ^{bmaj} 7	<u>D_b</u>	<u>F</u>	<u>A_b</u>	<u>C</u>	24) B _b half-dim	<u>B_b</u>	<u>D_b</u>	<u>F_b</u>	<u>A_b</u>
11) B ^m 7	<u>B</u>	<u>D</u>	<u>F[#]</u>	<u>A</u>	25) E _b ^{aug} 7	<u>E_b</u>	<u>G</u>	<u>B</u>	<u>D_b</u>
12) G _b 7	<u>G_b</u>	<u>B_b</u>	<u>D_b</u>	<u>F_b</u>	26) D ^{aug} 7	<u>D</u>	<u>F[#]</u>	<u>A</u>	<u>C[#]</u>
13) F [#] _m 7	<u>F[#]</u>	<u>A</u>	<u>C[#]</u>	<u>E</u>	27) A [∅]	<u>A</u>	<u>C</u>	<u>E_b</u>	<u>G</u>
14) C [∅]	<u>C</u>	<u>E_b</u>	<u>G_b</u>	<u>B_b</u>	28) A _b 7	<u>A_b</u>	<u>C</u>	<u>E_b</u>	<u>G_b</u>

Ninth Chords by Key Worksheet

This is the answer key to the Session 18 exercise "Ninth Chords by Key Worksheet" on pg. 153.

<u>Ninth Types</u>	<u>Formulas</u>
Major 9th	1 - 3 - 5 - 7 - 9
Minor 9th	1 - b3 - 5 - b7 - 9
Dominant 9th	1 - 3 - 5 - b7 - 9

C Major 9 th	<u>C</u>	<u>E</u>	<u>G</u>	<u>B</u>	<u>D</u>
C Minor 9 th	<u>C</u>	<u>E^b</u>	<u>G</u>	<u>B^b</u>	<u>D</u>
C Dominant 9 th	<u>C</u>	<u>E</u>	<u>G</u>	<u>B^b</u>	<u>D</u>

G Major 9 th	<u>G</u>	<u>B</u>	<u>D</u>	<u>F[#]</u>	<u>A</u>	F Major 9 th	<u>F</u>	<u>A</u>	<u>C</u>	<u>E</u>	<u>G</u>
G Minor 9 th	<u>G</u>	<u>B^b</u>	<u>D</u>	<u>F</u>	<u>A</u>	F Minor 9 th	<u>F</u>	<u>A^b</u>	<u>C</u>	<u>E^b</u>	<u>G</u>
G Dominant 9 th	<u>G</u>	<u>B</u>	<u>D</u>	<u>F</u>	<u>A</u>	F Dominant 9 th	<u>F</u>	<u>A</u>	<u>C</u>	<u>E^b</u>	<u>G</u>
D Major 9 th	<u>D</u>	<u>F[#]</u>	<u>A</u>	<u>C[#]</u>	<u>E</u>	B ^b Major 9 th	<u>B^b</u>	<u>D</u>	<u>F</u>	<u>A</u>	<u>C</u>
D Minor 9 th	<u>D</u>	<u>F</u>	<u>A</u>	<u>C</u>	<u>E</u>	B ^b Minor 9 th	<u>B^b</u>	<u>D^b</u>	<u>F</u>	<u>A^b</u>	<u>C</u>
D Dominant 9 th	<u>D</u>	<u>F[#]</u>	<u>A</u>	<u>C</u>	<u>E</u>	B ^b Dominant 9 th	<u>B^b</u>	<u>D</u>	<u>F</u>	<u>A^b</u>	<u>C</u>
A Major 9 th	<u>A</u>	<u>C[#]</u>	<u>E</u>	<u>G[#]</u>	<u>B</u>	E ^b Major 9 th	<u>E^b</u>	<u>G</u>	<u>B^b</u>	<u>D</u>	<u>F</u>
A Minor 9 th	<u>A</u>	<u>C</u>	<u>E</u>	<u>G</u>	<u>B</u>	E ^b Minor 9 th	<u>E^b</u>	<u>G^b</u>	<u>B^b</u>	<u>D^b</u>	<u>F</u>
A Dominant 9 th	<u>A</u>	<u>C[#]</u>	<u>E</u>	<u>G</u>	<u>B</u>	E ^b Dominant 9 th	<u>E^b</u>	<u>G</u>	<u>B^b</u>	<u>D^b</u>	<u>F</u>
E Major 9 th	<u>E</u>	<u>G[#]</u>	<u>B</u>	<u>D[#]</u>	<u>F[#]</u>	A ^b Major 9 th	<u>A^b</u>	<u>C</u>	<u>E^b</u>	<u>G</u>	<u>B^b</u>
E Minor 9 th	<u>E</u>	<u>G</u>	<u>B</u>	<u>D</u>	<u>F[#]</u>	A ^b Minor 9 th	<u>A^b</u>	<u>C^b</u>	<u>E^b</u>	<u>G^b</u>	<u>B^b</u>
E Dominant 9 th	<u>E</u>	<u>G[#]</u>	<u>B</u>	<u>D</u>	<u>F[#]</u>	A ^b Dominant 9 th	<u>A^b</u>	<u>C</u>	<u>E^b</u>	<u>G^b</u>	<u>B^b</u>
B Major 9 th	<u>B</u>	<u>D[#]</u>	<u>F[#]</u>	<u>A[#]</u>	<u>C[#]</u>	D ^b Major 9 th	<u>D^b</u>	<u>F</u>	<u>A^b</u>	<u>C</u>	<u>E^b</u>
B Minor 9 th	<u>B</u>	<u>D</u>	<u>F[#]</u>	<u>A</u>	<u>C[#]</u>	D ^b Minor 9 th	<u>D^b</u>	<u>F^b</u>	<u>A^b</u>	<u>C^b</u>	<u>E^b</u>
B Dominant 9 th	<u>B</u>	<u>D[#]</u>	<u>F[#]</u>	<u>A</u>	<u>C[#]</u>	D ^b Dominant 9 th	<u>D^b</u>	<u>F</u>	<u>A^b</u>	<u>C^b</u>	<u>E^b</u>