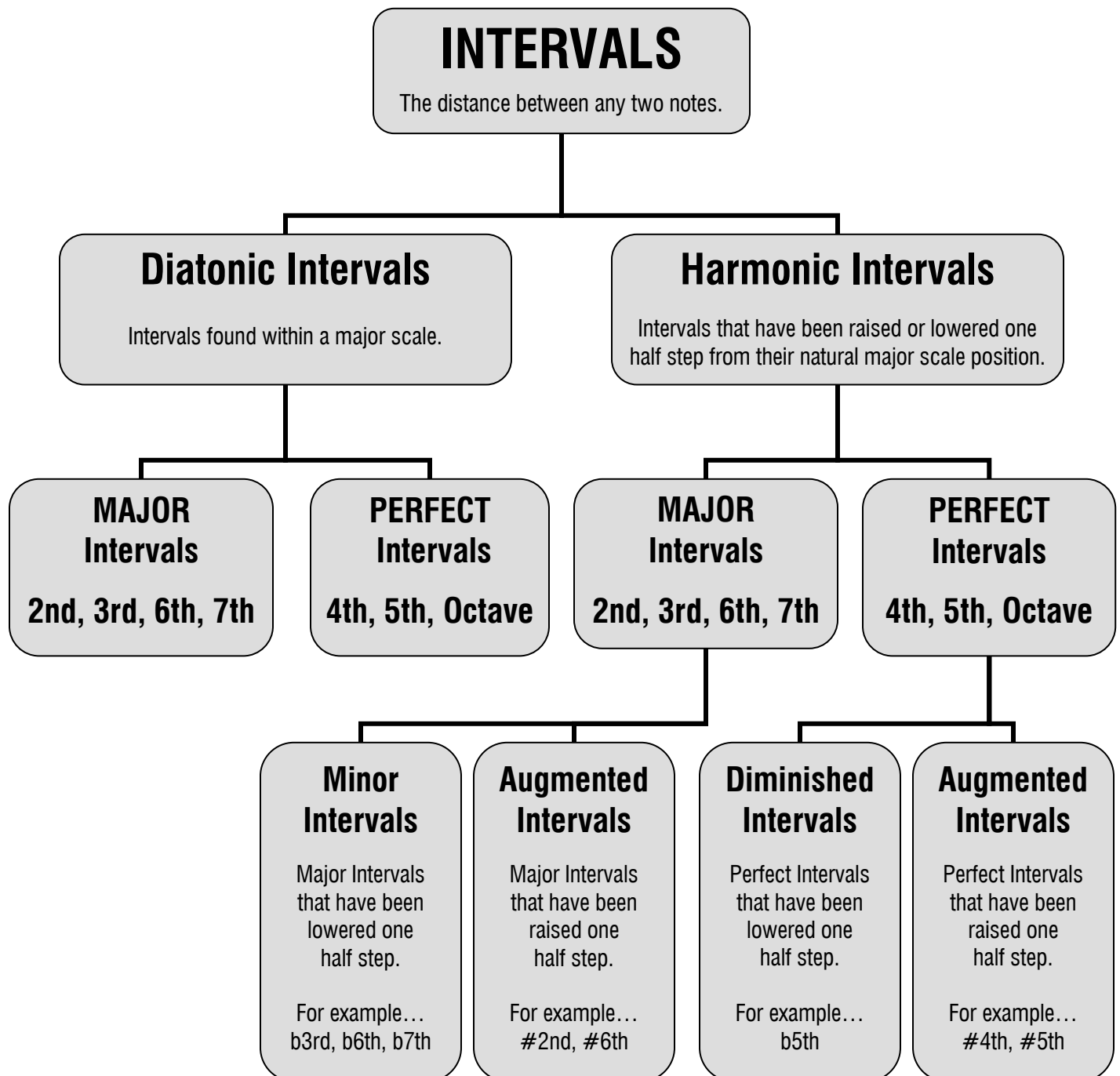


The Wonderfully Confusing World of Interval Naming

Here is a chart to help you visualize the different categories of intervals. The names can be confusing at first but in time, they will help you understand how chords are formed. Referring to intervals correctly is a skill that serious guitar players understand. They know about “major 3rds”, “perfect octaves”, “minor sevenths”, and “diminished 5ths”.



Diatonic Intervals Worksheet

INTERVALS are the distance between two notes. DIATONIC refers to intervals found within the major scale. Use your knowledge of major scales and key signatures to fill in the correct note corresponding to the diatonic interval. Only scales that have a key signature up to three accidentals are used. These would be the C, F, G, Bb, D, Eb, & A scales.

✓ Check your answers with the Answer Key on page 169.

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

Diatonic Intervals by Key Worksheet

Using your knowledge of major scales and key signatures fill in the correct note corresponding to the diatonic interval asked for. The exercises are grouped into keys.

✓ Check your answers with the Answer Key on page 170.

<p>In the Key of C...</p> <p>1) What is the 3rd ? _____</p> <p>2) What is the 5th ? _____</p> <p>3) What is the 7th ? _____</p> <p>4) What is the 2nd ? _____</p> <p>5) What is the 4th ? _____</p> <p>6) What is the 6th ? _____</p>	<p>In the Key of F...</p> <p>1) What is the 3rd ? _____</p> <p>2) What is the 5th ? _____</p> <p>3) What is the 7th ? _____</p> <p>4) What is the 2nd ? _____</p> <p>5) What is the 4th ? _____</p> <p>6) What is the 6th ? _____</p>	<p>In the Key of Bb...</p> <p>1) What is the 3rd ? _____</p> <p>2) What is the 5th ? _____</p> <p>3) What is the 7th ? _____</p> <p>4) What is the 2nd ? _____</p> <p>5) What is the 4th ? _____</p> <p>6) What is the 6th ? _____</p>
<p>In the Key of Eb...</p> <p>1) What is the 3rd ? _____</p> <p>2) What is the 5th ? _____</p> <p>3) What is the 7th ? _____</p> <p>4) What is the 2nd ? _____</p> <p>5) What is the 4th ? _____</p> <p>6) What is the 6th ? _____</p>	<p>In the Key of Ab...</p> <p>1) What is the 3rd ? _____</p> <p>2) What is the 5th ? _____</p> <p>3) What is the 7th ? _____</p> <p>4) What is the 2nd ? _____</p> <p>5) What is the 4th ? _____</p> <p>6) What is the 6th ? _____</p>	<p>In the Key of Db...</p> <p>1) What is the 3rd ? _____</p> <p>2) What is the 5th ? _____</p> <p>3) What is the 7th ? _____</p> <p>4) What is the 2nd ? _____</p> <p>5) What is the 4th ? _____</p> <p>6) What is the 6th ? _____</p>
<p>In the Key of Gb...</p> <p>1) What is the 3rd ? _____</p> <p>2) What is the 5th ? _____</p> <p>3) What is the 7th ? _____</p> <p>4) What is the 2nd ? _____</p> <p>5) What is the 4th ? _____</p> <p>6) What is the 6th ? _____</p>		

In the Key of G...

- 1) What is the 3rd ? _____
- 2) What is the 5th ? _____
- 3) What is the 7th ? _____
- 4) What is the 2nd ? _____
- 5) What is the 4th ? _____
- 6) What is the 6th ? _____

In the Key of D...

- 1) What is the 3rd ? _____
- 2) What is the 5th ? _____
- 3) What is the 7th ? _____
- 4) What is the 2nd ? _____
- 5) What is the 4th ? _____
- 6) What is the 6th ? _____

In the Key of A...

- 1) What is the 3rd ? _____
- 2) What is the 5th ? _____
- 3) What is the 7th ? _____
- 4) What is the 2nd ? _____
- 5) What is the 4th ? _____
- 6) What is the 6th ? _____

In the Key of E...

- 1) What is the 3rd ? _____
- 2) What is the 5th ? _____
- 3) What is the 7th ? _____
- 4) What is the 2nd ? _____
- 5) What is the 4th ? _____
- 6) What is the 6th ? _____

In the Key of B...

- 1) What is the 3rd ? _____
- 2) What is the 5th ? _____
- 3) What is the 7th ? _____
- 4) What is the 2nd ? _____
- 5) What is the 4th ? _____
- 6) What is the 6th ? _____

In the Key of F#...

- 1) What is the 3rd ? _____
- 2) What is the 5th ? _____
- 3) What is the 7th ? _____
- 4) What is the 2nd ? _____
- 5) What is the 4th ? _____
- 6) What is the 6th ? _____

More Challenging Diatonic Intervals

Use your knowledge of major scales and key signatures to fill in the correct note corresponding to the diatonic interval asked for. These exercises use scales that have 4 or more sharps or flats in their key signature. These would be the Ab, E, Db, B, Gb, & F# scales.

✓ Check your answers with the Answer Key on page 172.

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

Harmonic Intervals Worksheet

HARMONIC intervals are intervals that have been raised or lowered from their natural major scale (diatonic) position. Fill in the correct note corresponding to the harmonic interval asked for. Don't substitute in the enharmonic equivalent of the note. For example, the correct answer for the minor 2nd in Eb is Fb, not E. Refer to page 54 of the lesson book for more explanation. Remember, if a major interval (2nd, 3rd, 6th & 7th) is lowered by a half step it is called MINOR (min.). If a major interval is raised a half step then it is called AUGMENTED (aug.). If a perfect interval (4th, 5th & Octave) is lowered a half step it is called DIMINISHED (dim.). If a perfect interval is raised a half step it is called AUGMENTED (aug.).

✓ Check your answers with the Answer Key on page 173.

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

Harmonic Intervals by Key Worksheet

Using your knowledge of major scales and key signatures fill in the correct note corresponding to the harmonic interval asked for. The exercises are grouped into keys.

✓ Check your answers with the Answer Key on page 174.

In the Key of C...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of F...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of Bb...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of Eb...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of Ab...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of Db...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of Gb...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of G...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of D...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of A...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of E...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of B...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

In the Key of F#...

- 1) What is the minor 3rd? _____
- 2) What is the minor 7th? _____
- 3) What is the aug. 5th? _____
- 4) What is the minor 2nd? _____
- 5) What is the aug. 4th? _____
- 6) What is the aug. 2nd? _____
- 7) What is the dim. 5th? _____

The Most Important Harmonic Intervals

Certain harmonic intervals are more commonly used than others. When building chords and soloing, the harmonic intervals of the minor 3rd, the minor 7th, the augmented 5th and the diminished 5th are important to know. Here is a table to help you learn these important harmonic intervals by associating them by key.

✓ Check your answers with the Answer Key on page 176.

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

Ultimate Interval Challenge

This worksheet includes both diatonic and harmonic intervals in all 12 keys. The questions are asked in various forms. If you can pass this worksheet, then you have officially conquered any interval that you are likely ever to have to deal with. This is university level music theory. When you are building chords or soloing, your knowledge of these intervals will give you a great advantage.

✓ Check your answers with the Answer Key on page 177.

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