

The Ultimate How Music Works Quest

These exercises use scales that have 4 or more sharps or flats in their key signature – Ab, E, Db, B, Gb & F#. Fill in the correct note corresponding to the diatonic interval asked for.

Major Scales & Keys

1) What is the pattern of whole steps and half steps for a major scale?

2) Spell the following scales...

G Major Scale: G _____ _____ _____ _____ _____ _____ G

Bb Major Scale: _____ _____ D _____ _____ _____ _____ _____

E Major Scale: _____ _____ _____ _____ B _____ _____ _____

Db Major Scale: _____ _____ _____ _____ _____ _____ _____ _____

3) In the key of D, what note(s) are sharped/flatted? _____

4) In the key of Ab, what note(s) are sharped/flatted? _____

5) In the key of A, what note(s) are sharped/flatted? _____

6) In the key of Eb, what note(s) are sharped/flatted? _____

7) What key has 1 flat in its key signature? _____ What flat is it? _____

8) What key has 5 sharps in its key signature? _____ What are they? _____

9) What key has this key signature:  The key of _____

10) What key has this key signature:  The key of _____

Intervals

1) Intervals within the major scale are called _____ INTERVALS.

2) In the key of G, what is the 2nd ? _____

3) In Eb, what is the 4th ? _____

- 4) The 6th in D is a _____
- 5) The 4th in Ab is a _____
- 6) In the key of Bb, what is the perfect 4th? _____
- 7) The minor 3rd in the key of A is _____
- 8) The diminished 5th in Gb is _____
- 9) The augmented 2nd in F is _____
- 10) What is the minor 7th in E ? _____

Triads & Harmonized Major Scale

1) Write the formulas for each triad type...

Major 1 _____

Augmented _____

Minor _____ 5

Diminished _____

2) Spell the following triads...

F Major _____

Bb Diminished _____

A Minor _____

E Augmented _____

D Major _____

Eb Minor _____

G Augmented _____

C Diminished _____

3) In C, what is the V (five) chord? _____ What notes are in it? _____

4) In Bb, what is the IV chord? _____ What notes are in it? _____

5) What chords are minor in the harmonized major scale? _____ vi

6) What chords are major in the harmonized major scale? _____

7) What chord is diminished in the harmonized major scale? _____

8) The vi chord in A is _____ What notes are in it? _____

9) In F, the chords in the harmonized major scale are

F Gm _____

10) In Eb, the vii chord is _____ What notes are in it? _____

Sevenths & Harmonized Major Scale

1) Write the formulas for each seventh chord type...

Major 7 1 _____

Augmented 7 _____

Minor 7 _____ 5 _____

Dominant 7 _____

Half-Dim 7 _____ b7 _____

(Fully) Diminished 7 _____

2) Spell the following seventh chords...

Gmaj7 _____

C Half-Dim7 _____

Bmin7 _____

Faug7 _____

Eb7 _____

E dim7 _____

Am7 _____

D7 _____

3) In D, what is the V7 chord? _____

What notes are in it? _____

4) In C, what is the IVmaj7 chord? _____

What notes are in it? _____

5) What chords have a maj7 in the harmonized major scale? _____

6) What chords have a min7 in the harmonized major scale? iim7 _____

7) In G, the chords in the harmonized major scale in 7ths are...

Gmaj7 _____

8) The vi7 chord in Ab is _____ What notes are in it? _____

9) In Bb, the chords in the harmonized major scale are

_____ Cm7 _____

10) In E, the vi7 chord is _____ What notes are in it? _____

9ths, 11ths, 13ths & Beyond

1) Write the formulas for each ninth chord type...

Major 9 1 _____

Minor 9 _____ 5 _____

Dominant 9th 7 _____ b7 _____

2) Spell the following chords...

Am9 _____

Cmaj9 _____

B9 _____

F9 _____

3) Write the formulas for each 11th chord type...

Dominant 11 1 (3) _____

Min11 _____ 5 _____

4) What note is usually dropped in a 13th chord? _____

5) Write the formulas for each 13th chord type...

Maj13 1 _____

Min13 _____ 5 _____

Dominant 13 _____

6) Spell the following chords...

C6 _____

Fsus _____

Bbm6 _____

G69 _____

D7(b9) _____

Eb9(b5) _____

Gb13 (b5,#9) _____ (Cb) _____

7) What is the octave of C? _____

Congratulations!!!!