12-Key Scale Atlas

Treble clef | Bass clef | Major and three minor forms | Clearly counted notation

BUILT FOR INDEPENDENT PRACTICE

This atlas contains 12 major keys and their relative minor keys in both clefs.

Every scale is written with its key signature, spelled note names, ledger lines and a count row.

Use the Ascent Arena metronome. Eight eighth notes fill one 4/4 measure: 1 & 2 & 3 & 4 &.

Play slowly; say note names; play up and down. Repeat as quarters or note pairs.

For B-flat, E-flat and F transposing instruments, these are WRITTEN-note exercises, not concert-pitch backing tracks.

HOW MINOR SCALES WORK

Natural minor: same key signature as its relative major.

Harmonic minor: raise scale degree 7 by one semitone.

Melodic minor: raise degrees 6 and 7 ascending; use natural minor when descending.

x next to a note means double-sharp, raising the written pitch by two semitones.

CLEF + INSTRUMENT GUIDANCE

Treble: flute, oboe, trumpet, clarinet, saxophone, bells, xylophone, marimba and vibraphone. Bass: trombone, bassoon, tuba, bass-clef euphonium and timpani. Instrument ranges and transpositions vary: use the appropriate band-method chart when playing.

Unpitched percussion does not use scales. Use the companion percussion workbook for counted technique exercises.

Key Signature Reference

Key Signatures | C to B | Same signature for relative major and minor

MAJOR	RELATIVE MINOR	ACCIDENTALS IN SIGNATURE
C major	**A minor**	No sharps or flats. Sharps: F C G D A E B | Flats: B E A D G C F
G major	**E minor**	1 sharps: F#. Sharps: F C G D A E B | Flats: B E A D G C F
D major	**B minor**	2 sharps: F#, C#. Sharps: F C G D A E B | Flats: B E A D G C F
A major	**F# minor**	3 sharps: F#, C#, G#. Sharps: F C G D A E B | Flats: B E A D G C F
E major	**C# minor**	4 sharps: F#, C#, G#, D#. Sharps: F C G D A E B | Flats: B E A D G C F
B major	**G# minor**	5 sharps: F#, C#, G#, D#, A#. Sharps: F C G D A E B | Flats: B E A D G C F

Key Signature Reference

Key Signatures | F# to F | Same signature for relative major and minor
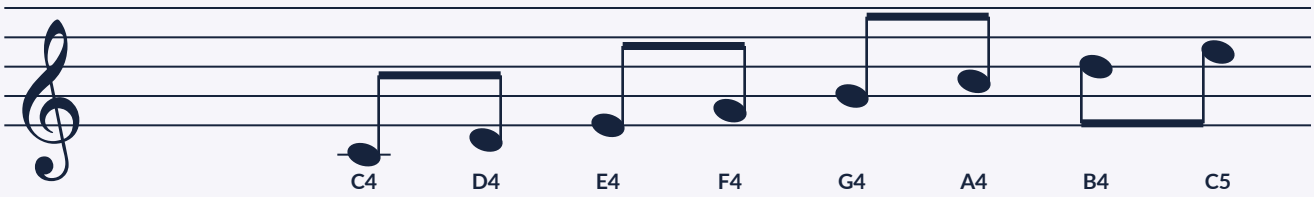
MAJOR	RELATIVE MINOR	ACCIDENTALS IN SIGNATURE
F# major	**D# minor**	6 sharps: F#, C#, G#, D#, A#, E#. Sharps: F C G D A E B | Flats: B E A D G C F
Db major	**Bb minor**	5 flats: Bb, Eb, Ab, Db, Gb. Sharps: F C G D A E B | Flats: B E A D G C F
Ab major	**F minor**	4 flats: Bb, Eb, Ab, Db. Sharps: F C G D A E B | Flats: B E A D G C F
Eb major	**C minor**	3 flats: Bb, Eb, Ab. Sharps: F C G D A E B | Flats: B E A D G C F
Bb major	**G minor**	2 flats: Bb, Eb. Sharps: F C G D A E B | Flats: B E A D G C F
F major	**D minor**	1 flats: Bb. Sharps: F C G D A E B | Flats: B E A D G C F

C Major / A Minor

Treble clef | Key signature: No sharps or flats.

1 Major scale

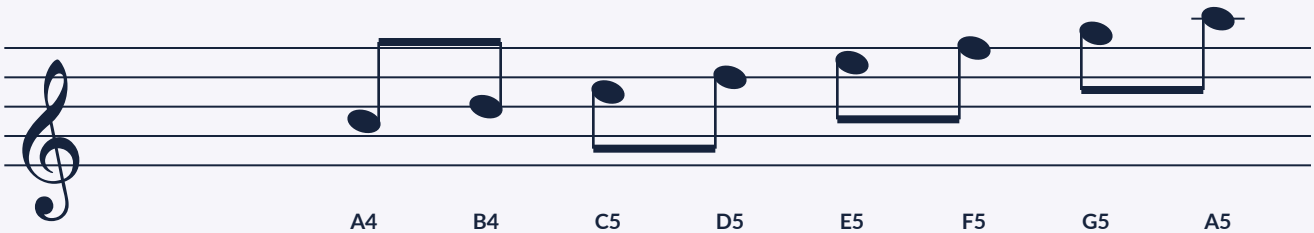
Ascend | 8 eighth notes



NOTES	C4	D4	E4	F4	G4	A4	B4	C5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor

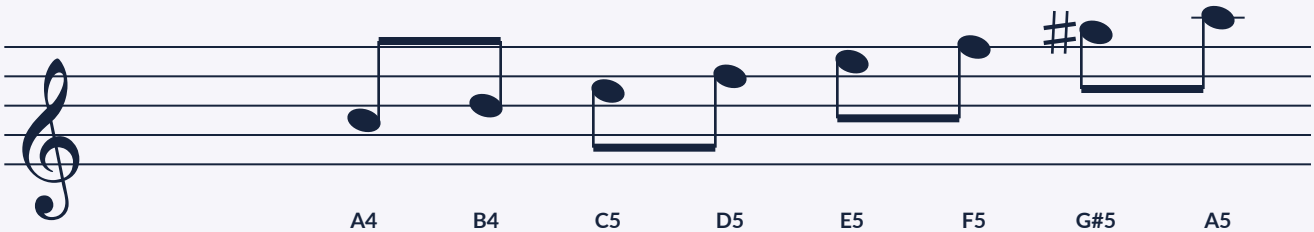
Shared key signature



NOTES	A4	B4	C5	D5	E5	F5	G5	A5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	A4	B4	C5	D5	E5	F5	G#5	A5
COUNT	1	&	2	&	3	&	4	&
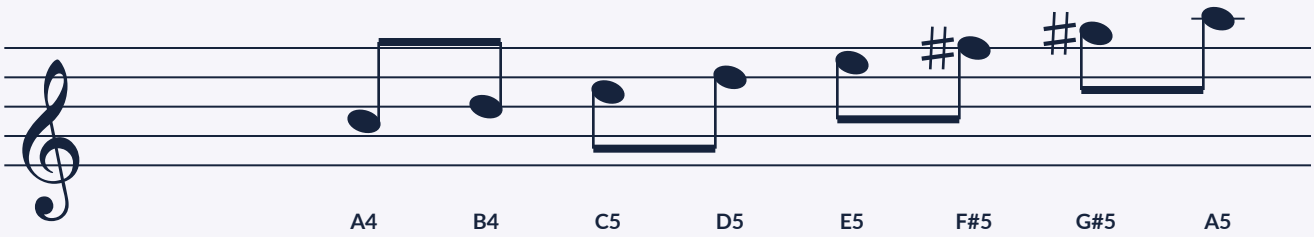
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

C Major / A Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
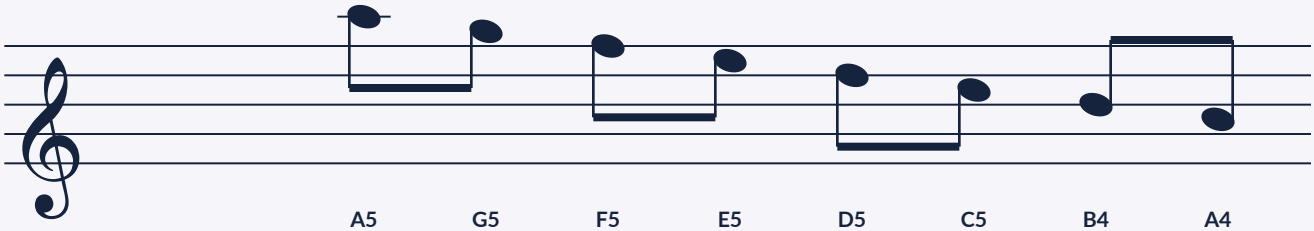
Raise degrees 6 and 7



NOTES	A4	B4	C5	D5	E5	F#5	G#5	A5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
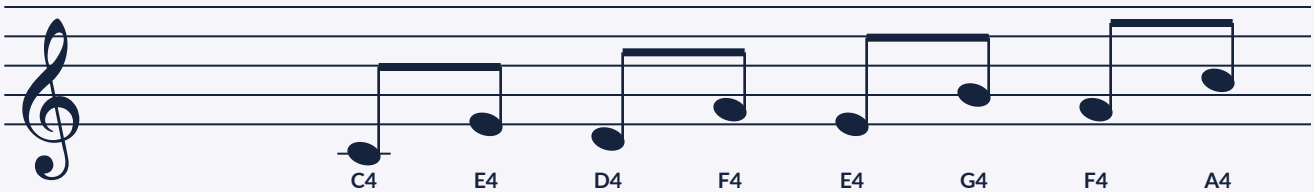
Natural-minor form



NOTES	A5	G5	F5	E5	D5	C5	B4	A4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	C4	E4	D4	F4	E4	G4	F4	A4
COUNT	1	&	2	&	3	&	4	&
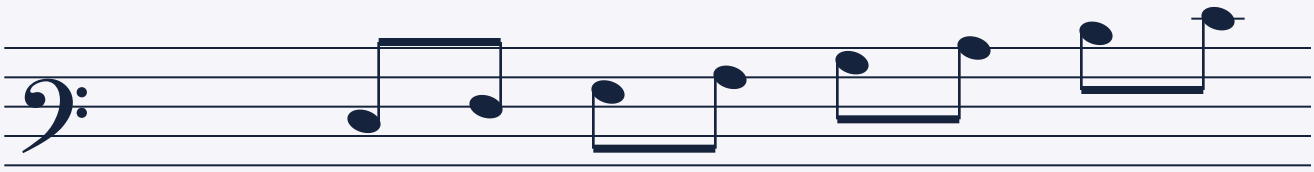
Try: note names -> count -> sing -> play -> reverse -> repeat.

C Major / A Minor

Bass clef | Key signature: No sharps or flats.

1 Major scale
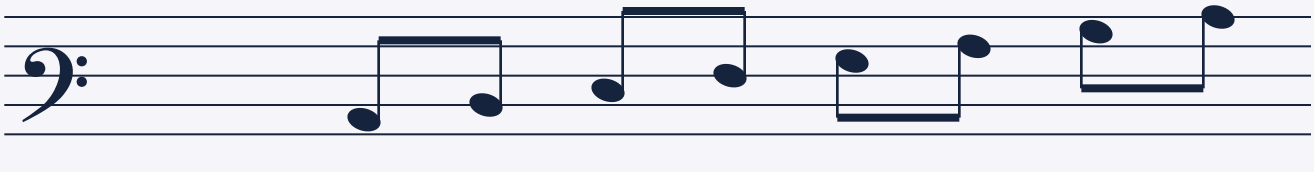
Ascend | 8 eighth notes



NOTES	C3	D3	E3	F3	G3	A3	B3	C4
COUNT	1	&	2	&	3	&	4	&

2 Natural minor

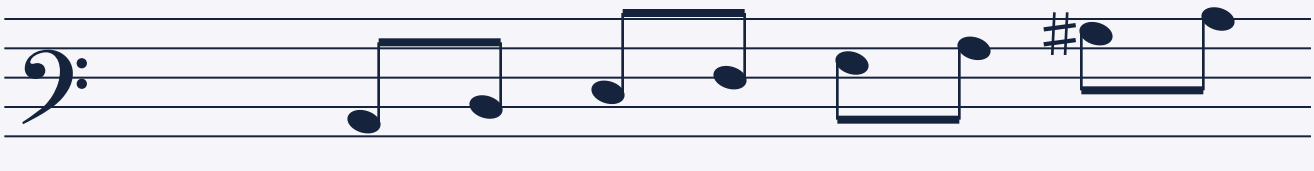
Shared key signature



NOTES	A2	B2	C3	D3	E3	F3	G3	A3
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	A2	B2	C3	D3	E3	F3	G#3	A3
COUNT	1	&	2	&	3	&	4	&
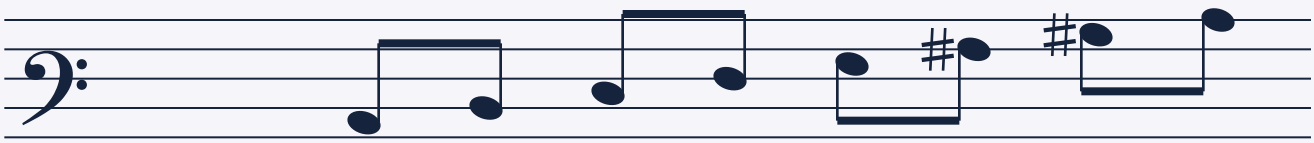
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

C Major / A Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
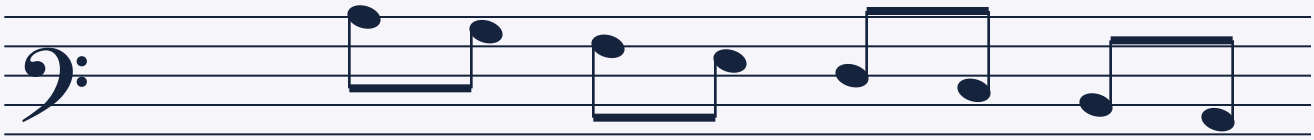
Raise degrees 6 and 7



NOTES	A2	B2	C3	D3	E3	F#3	G#3	A3
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
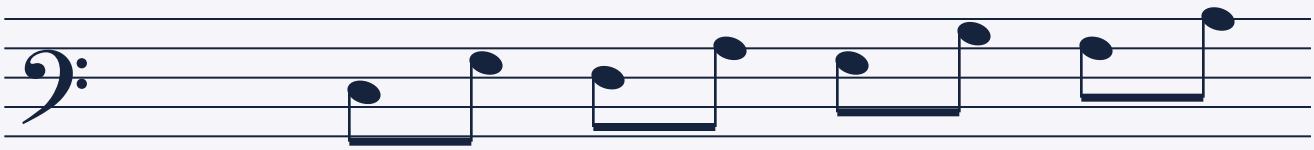
Natural-minor form



NOTES	A3	G3	F3	E3	D3	C3	B2	A2
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	C3	E3	D3	F3	E3	G3	F3	A3
COUNT	1	&	2	&	3	&	4	&

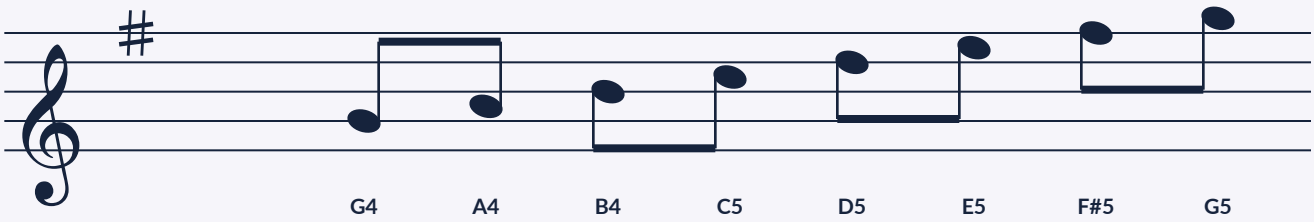
Try: note names -> count -> sing -> play -> reverse -> repeat.

G Major / E Minor

Treble clef | Key signature: 1 sharps: F#.

1 Major scale
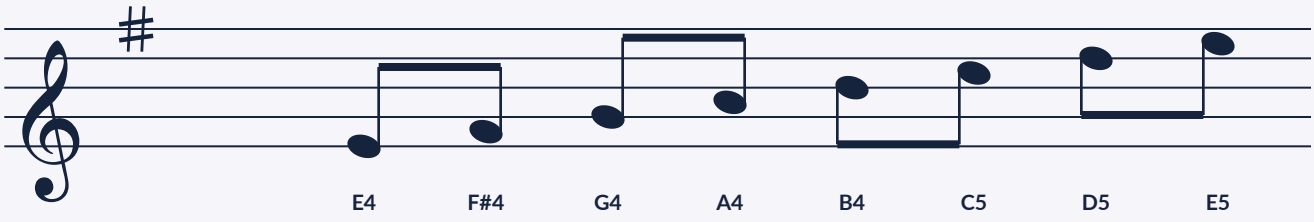
Ascend | 8 eighth notes



NOTES	G4	A4	B4	C5	D5	E5	F#5	G5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
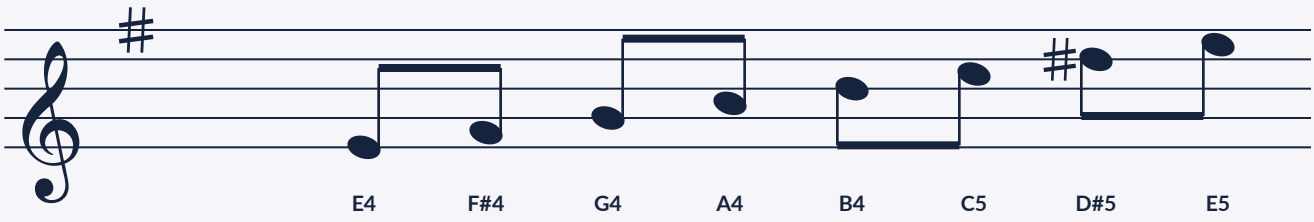
Shared key signature



NOTES	E4	F#4	G4	A4	B4	C5	D5	E5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	E4	F#4	G4	A4	B4	C5	D#5	E5
COUNT	1	&	2	&	3	&	4	&
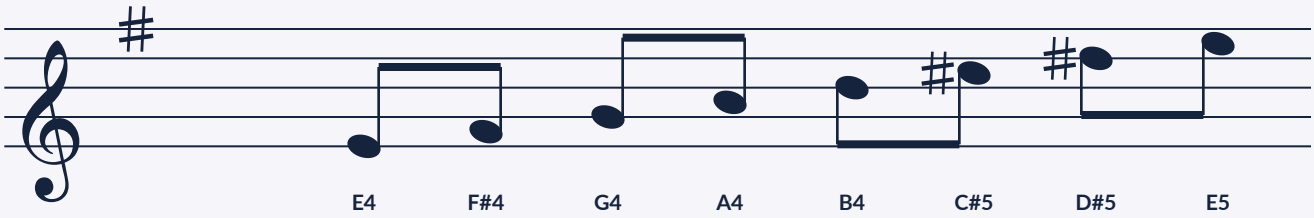
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

G Major / E Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
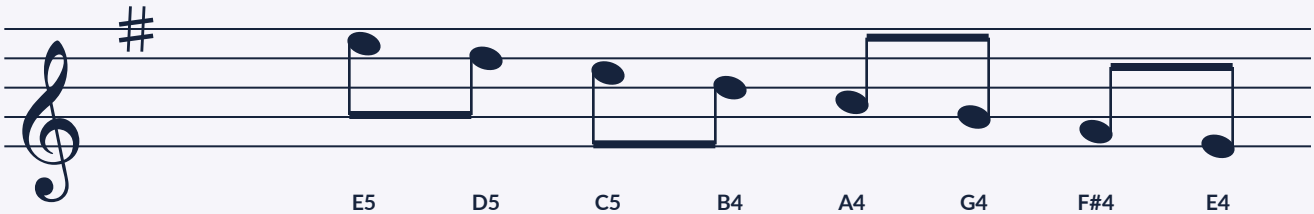
Raise degrees 6 and 7



NOTES	E4	F#4	G4	A4	B4	C#5	D#5	E5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending

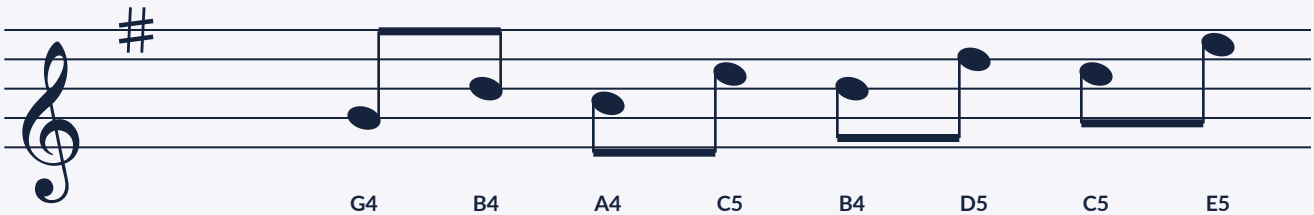
Natural-minor form



NOTES	E5	D5	C5	B4	A4	G4	F#4	E4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	G4	B4	A4	C5	B4	D5	C5	E5
COUNT	1	&	2	&	3	&	4	&
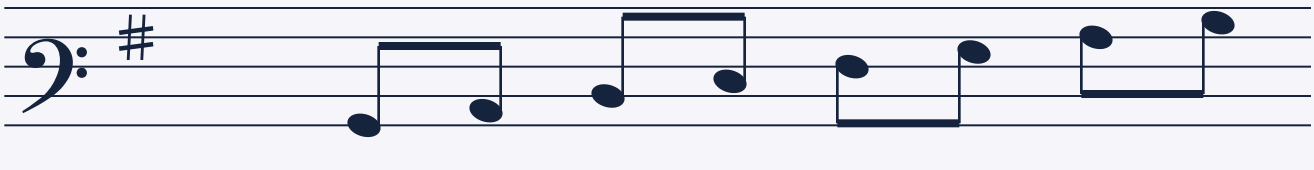
Try: note names -> count -> sing -> play -> reverse -> repeat.

G Major / E Minor

Bass clef | Key signature: 1 sharps: F#.

1 Major scale
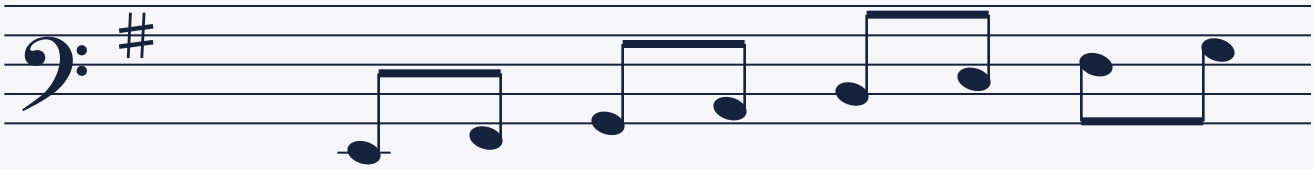
Ascend | 8 eighth notes



NOTES	G2	A2	B2	C3	D3	E3	F#3	G3
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
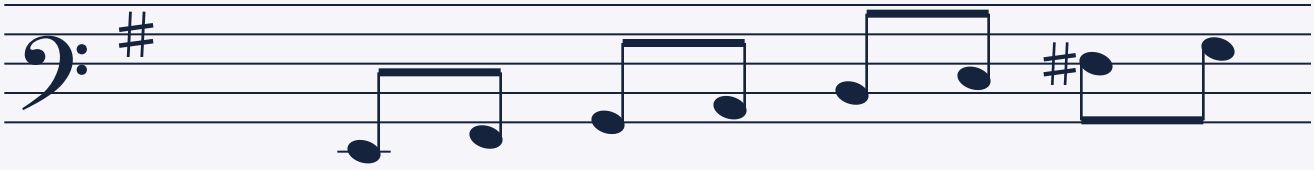
Shared key signature



NOTES	E2	F#2	G2	A2	B2	C3	D3	E3
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	E2	F#2	G2	A2	B2	C3	D#3	E3
COUNT	1	&	2	&	3	&	4	&
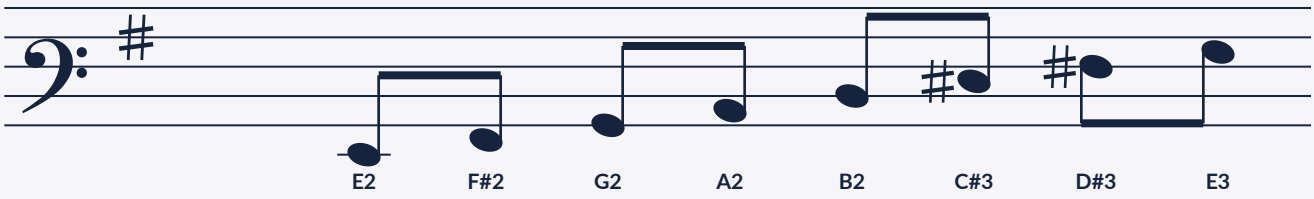
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

G Major / E Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
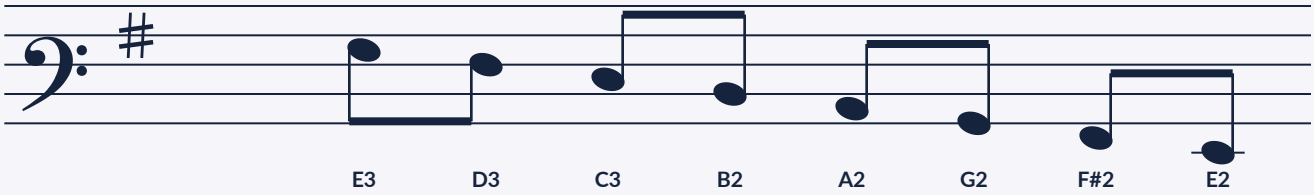
Raise degrees 6 and 7



NOTES	E2	F#2	G2	A2	B2	C#3	D#3	E3
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
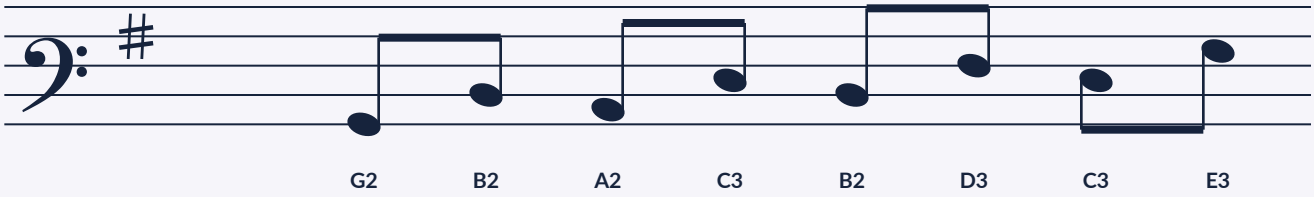
Natural-minor form



NOTES	E3	D3	C3	B2	A2	G2	F#2	E2
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	G2	B2	A2	C3	B2	D3	C3	E3
COUNT	1	&	2	&	3	&	4	&
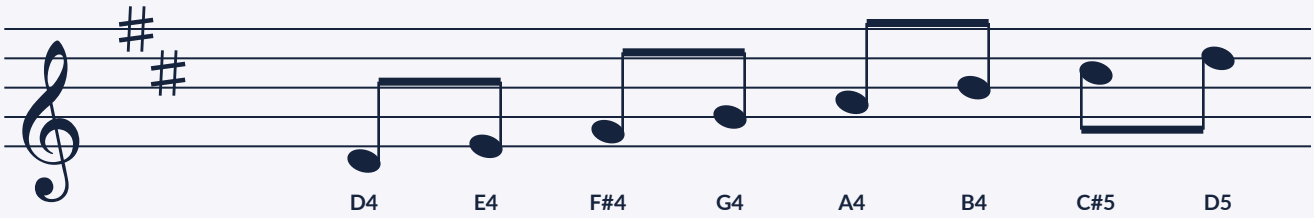
Try: note names -> count -> sing -> play -> reverse -> repeat.

D Major / B Minor

Treble clef | Key signature: 2 sharps: F#, C#.

1 Major scale
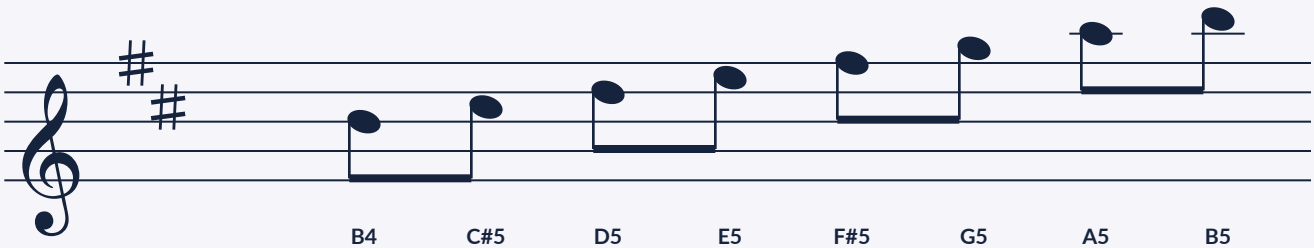
Ascend | 8 eighth notes



NOTES	D4	E4	F#4	G4	A4	B4	C#5	D5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
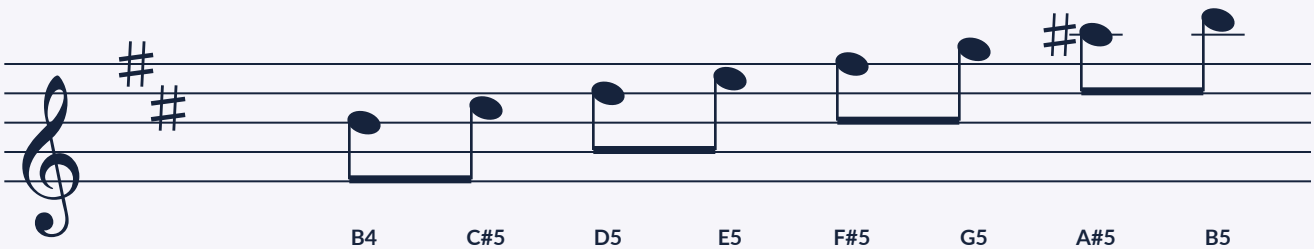
Shared key signature



NOTES	B4	C#5	D5	E5	F#5	G5	A5	B5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	B4	C#5	D5	E5	F#5	G5	A#5	B5
COUNT	1	&	2	&	3	&	4	&
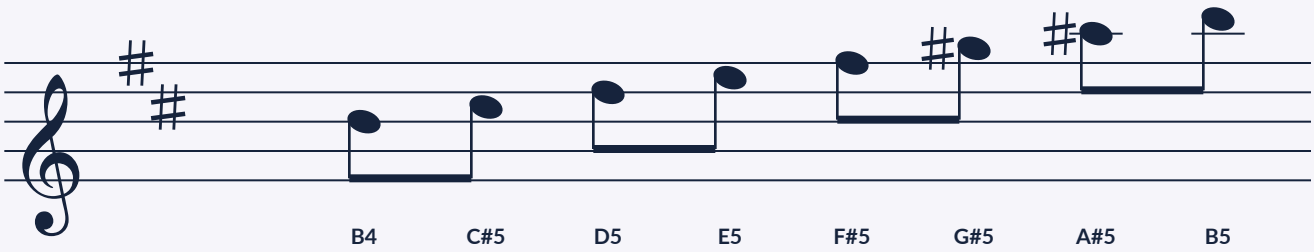
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

D Major / B Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
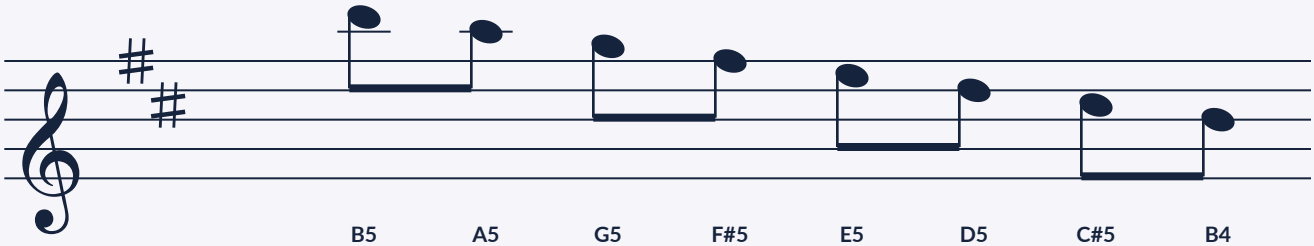
Raise degrees 6 and 7



NOTES	B4	C#5	D5	E5	F#5	G#5	A#5	B5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
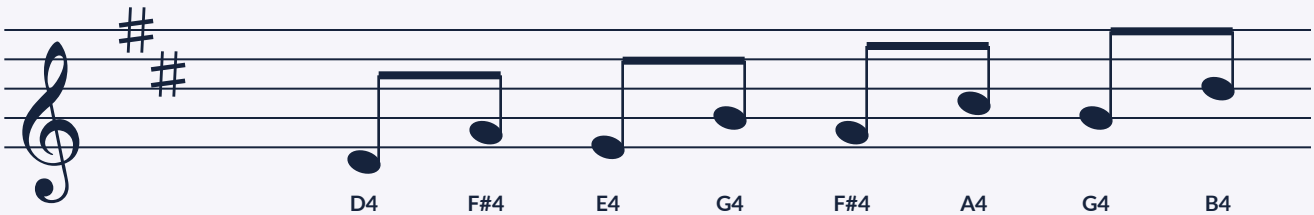
Natural-minor form



NOTES	B5	A5	G5	F#5	E5	D5	C#5	B4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	D4	F#4	E4	G4	F#4	A4	G4	B4
COUNT	1	&	2	&	3	&	4	&
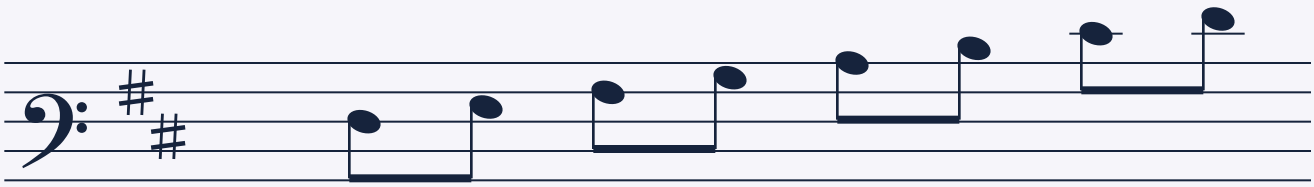
Try: note names -> count -> sing -> play -> reverse -> repeat.

D Major / B Minor

Bass clef | Key signature: 2 sharps: F#, C#.

1 Major scale

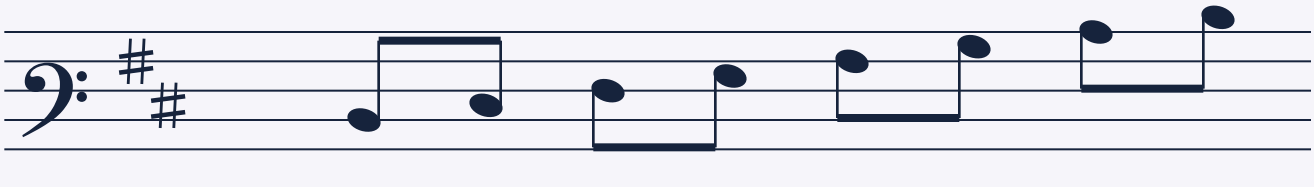
Ascend | 8 eighth notes



NOTES	D3	E3	F#3	G3	A3	B3	C#4	D4
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
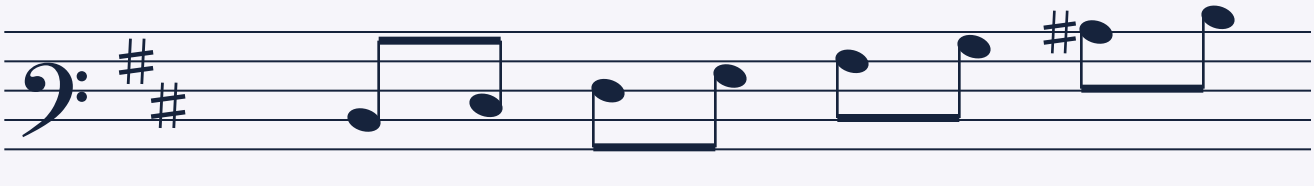
Shared key signature



NOTES	B2	C#3	D3	E3	F#3	G3	A3	B3
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	B2	C#3	D3	E3	F#3	G3	A#3	B3
COUNT	1	&	2	&	3	&	4	&
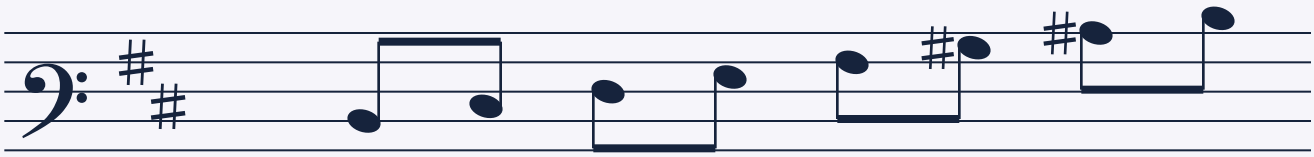
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

D Major / B Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
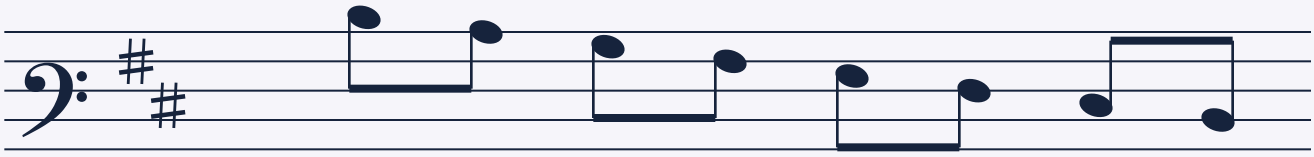
Raise degrees 6 and 7



NOTES	B2	C#3	D3	E3	F#3	G#3	A#3	B3
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
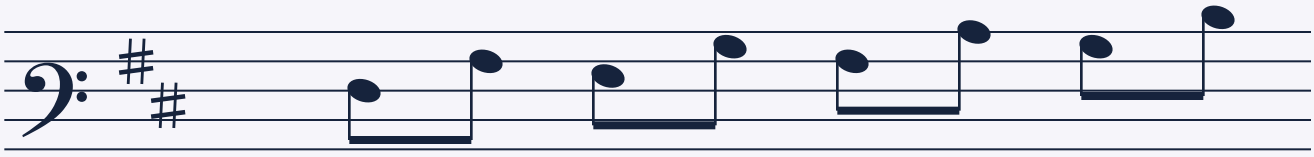
Natural-minor form



NOTES	B3	A3	G3	F#3	E3	D3	C#3	B2
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	D3	F#3	E3	G3	F#3	A3	G3	B3
COUNT	1	&	2	&	3	&	4	&

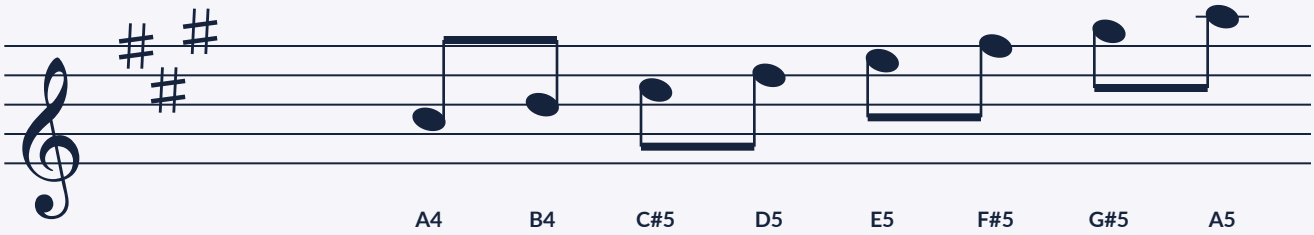
Try: note names -> count -> sing -> play -> reverse -> repeat.

A Major / F# Minor

Treble clef | Key signature: 3 sharps: F#, C#, G#.

1 Major scale
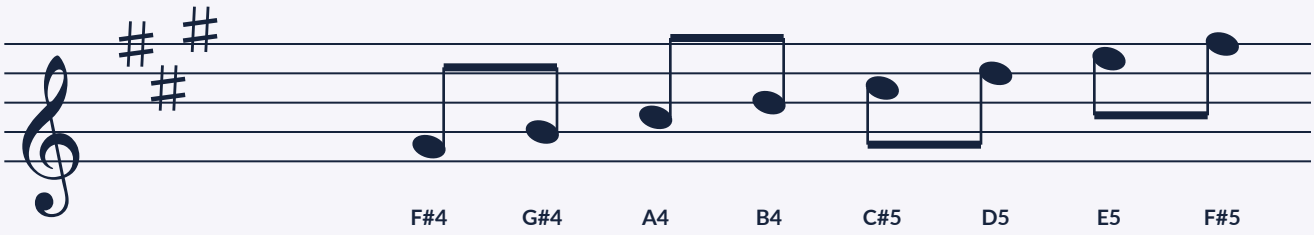
Ascend | 8 eighth notes



NOTES	A4	B4	C#5	D5	E5	F#5	G#5	A5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor

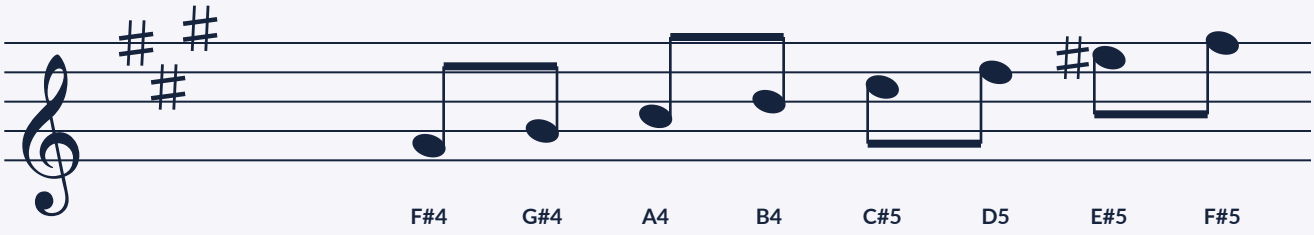
Shared key signature



NOTES	F#4	G#4	A4	B4	C#5	D5	E5	F#5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	F#4	G#4	A4	B4	C#5	D5	E#5	F#5
COUNT	1	&	2	&	3	&	4	&
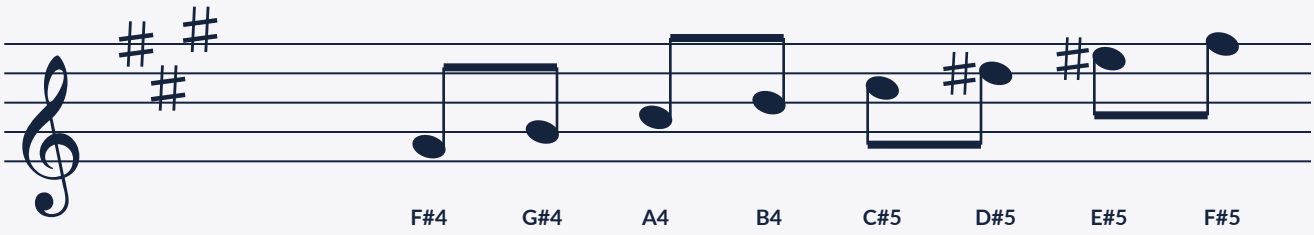
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

A Major / F# Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
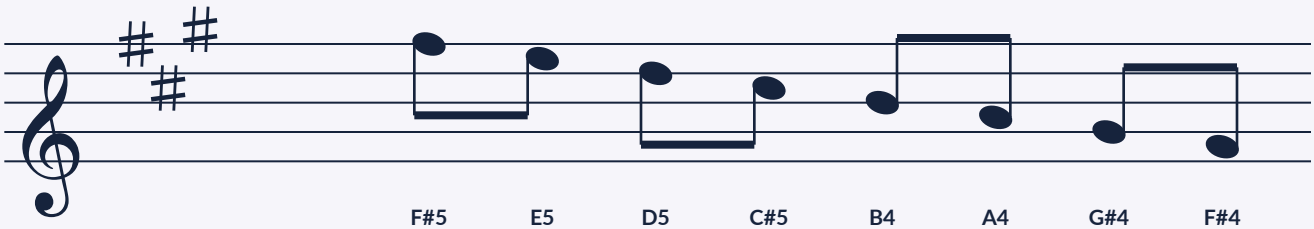
Raise degrees 6 and 7



NOTES	F#4	G#4	A4	B4	C#5	D#5	E#5	F#5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
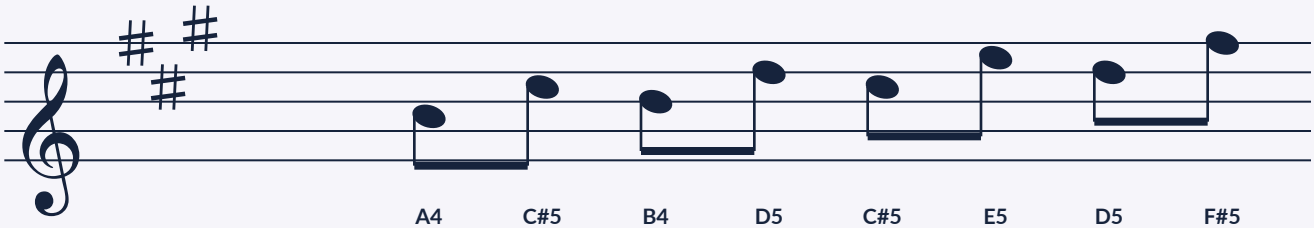
Natural-minor form



NOTES	F#5	E5	D5	C#5	B4	A4	G#4	F#4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	A4	C#5	B4	D5	C#5	E5	D5	F#5
COUNT	1	&	2	&	3	&	4	&
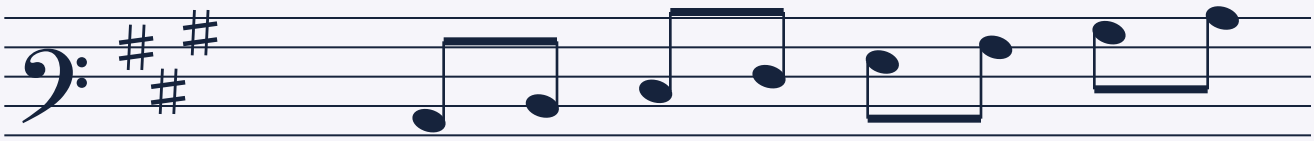
Try: note names -> count -> sing -> play -> reverse -> repeat.

A Major / F# Minor

Bass clef | Key signature: 3 sharps: F#, C#, G#.

1 Major scale
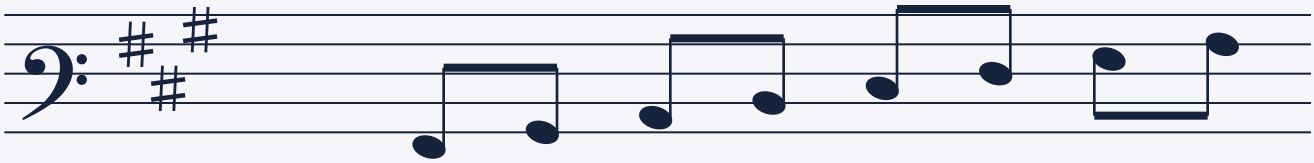
Ascend | 8 eighth notes



NOTES	A2	B2	C#3	D3	E3	F#3	G#3	A3
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
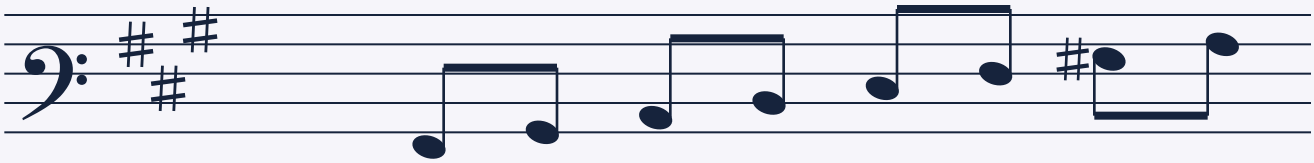
Shared key signature



NOTES	F#2	G#2	A2	B2	C#3	D3	E3	F#3
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	F#2	G#2	A2	B2	C#3	D3	E#3	F#3
COUNT	1	&	2	&	3	&	4	&
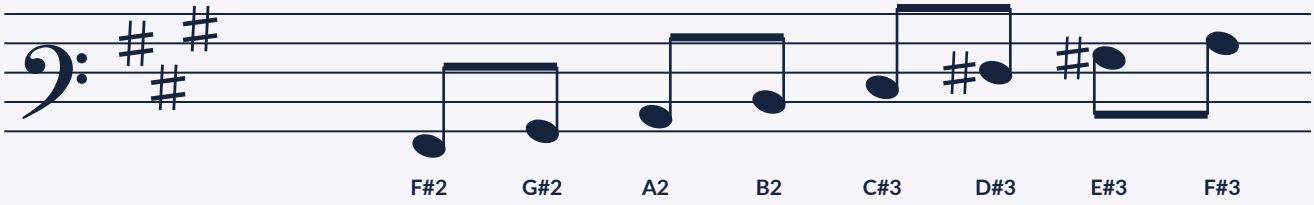
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

A Major / F# Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
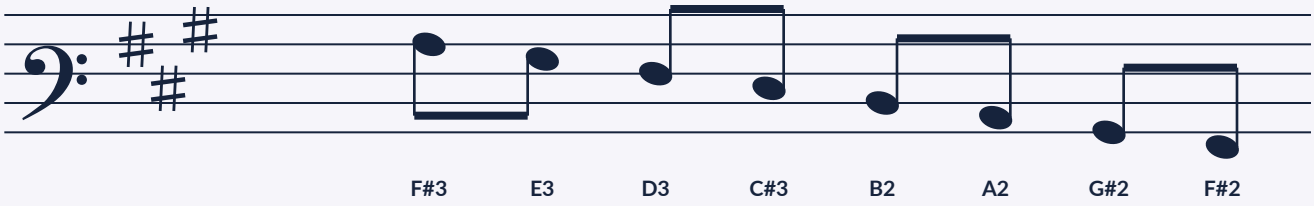
Raise degrees 6 and 7



NOTES	F#2	G#2	A2	B2	C#3	D#3	E#3	F#3
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
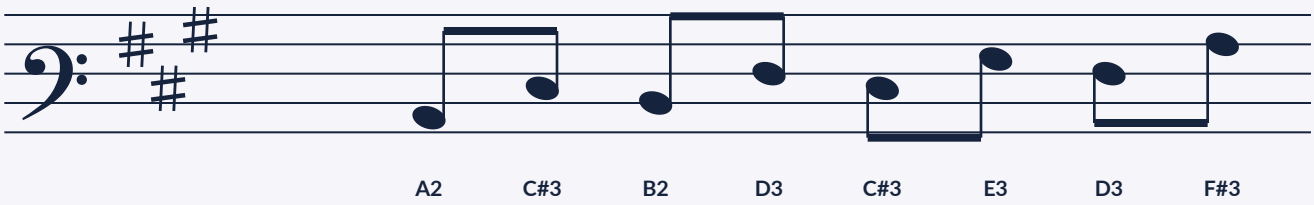
Natural-minor form



NOTES	F#3	E3	D3	C#3	B2	A2	G#2	F#2
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	A2	C#3	B2	D3	C#3	E3	D3	F#3
COUNT	1	&	2	&	3	&	4	&

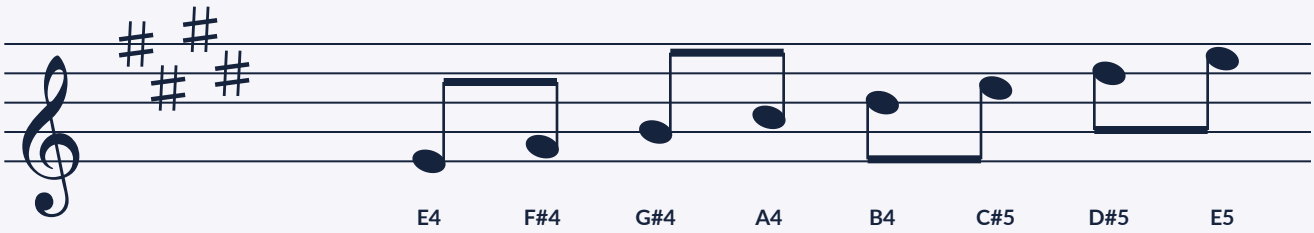
Try: note names -> count -> sing -> play -> reverse -> repeat.

E Major / C# Minor

Treble clef | Key signature: 4 sharps: F#, C#, G#, D#.

1 Major scale
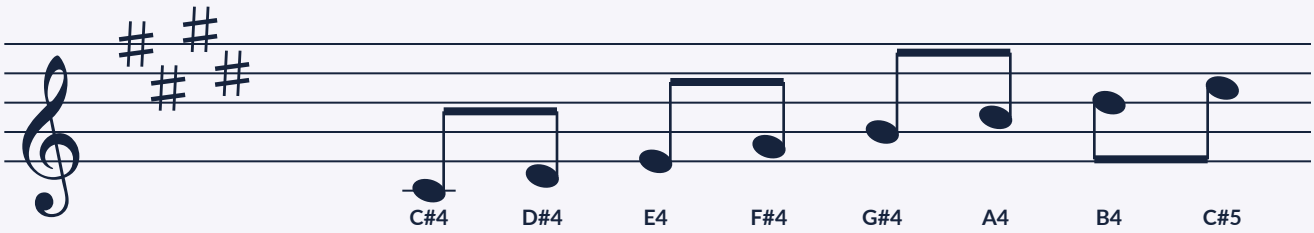
Ascend | 8 eighth notes



NOTES	E4	F#4	G#4	A4	B4	C#5	D#5	E5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
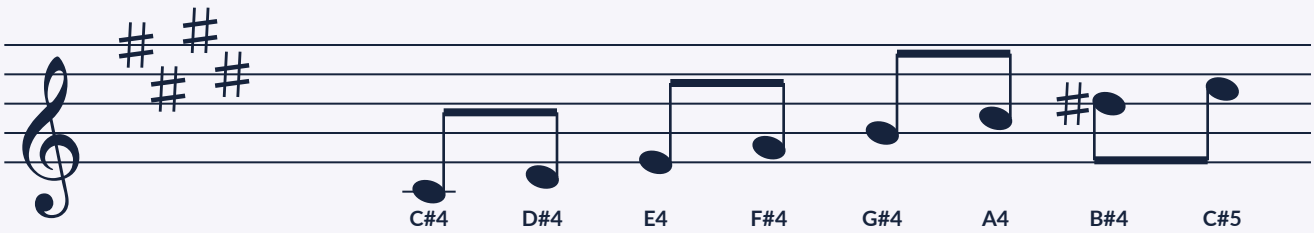
Shared key signature



NOTES	C#4	D#4	E4	F#4	G#4	A4	B4	C#5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	C#4	D#4	E4	F#4	G#4	A4	B#4	C#5
COUNT	1	&	2	&	3	&	4	&

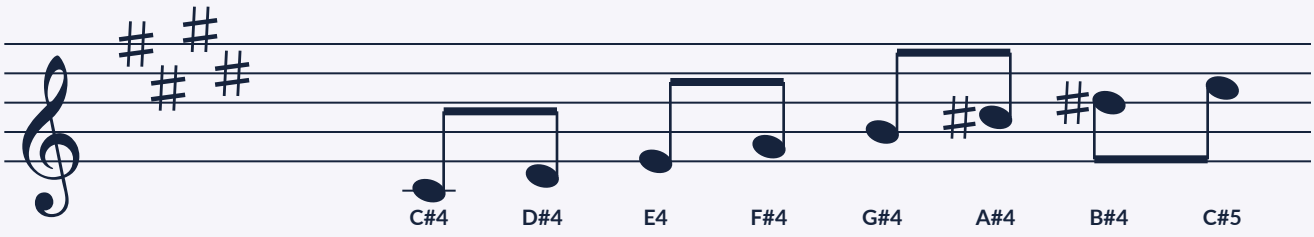
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

E Major / C# Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
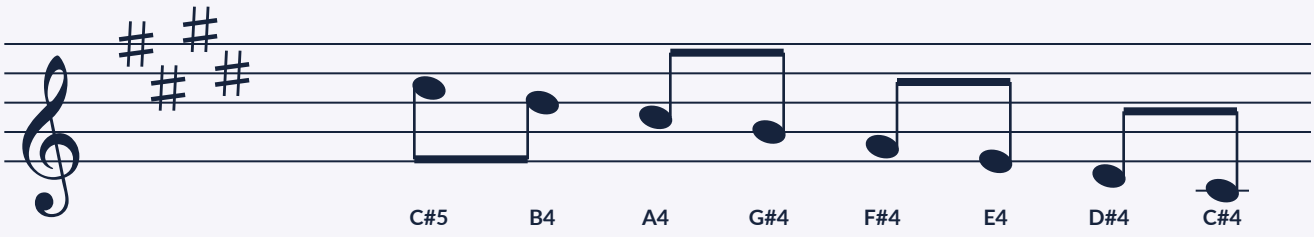
Raise degrees 6 and 7



NOTES	C#4	D#4	E4	F#4	G#4	A#4	B#4	C#5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending

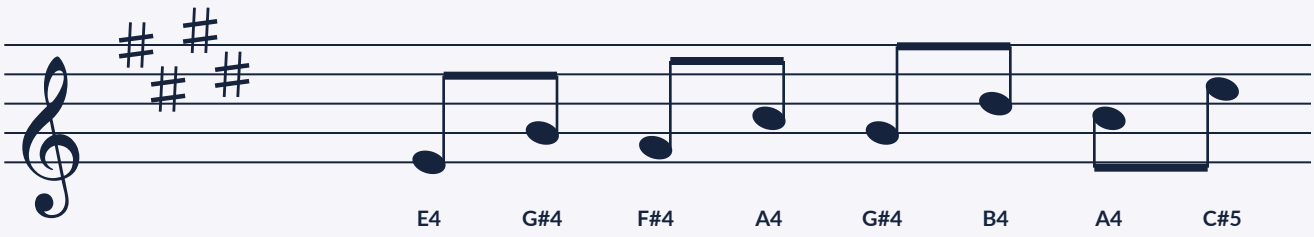
Natural-minor form



NOTES	C#5	B4	A4	G#4	F#4	E4	D#4	C#4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	E4	G#4	F#4	A4	G#4	B4	A4	C#5
COUNT	1	&	2	&	3	&	4	&

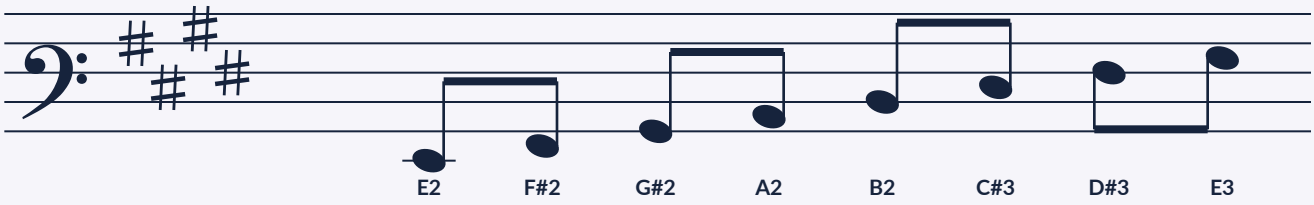
Try: note names -> count -> sing -> play -> reverse -> repeat.

E Major / C# Minor

Bass clef | Key signature: 4 sharps: F#, C#, G#, D#.

1 Major scale

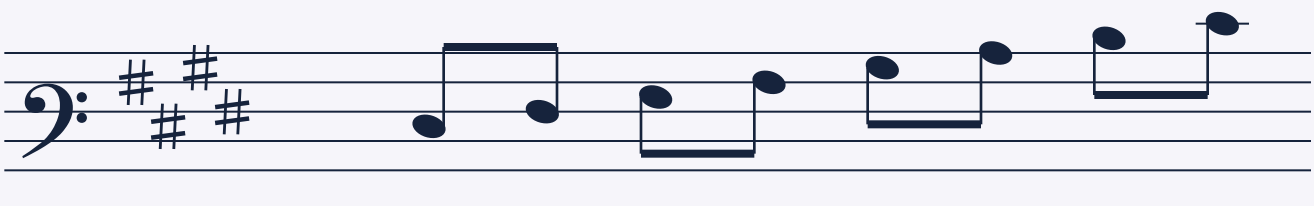
Ascend | 8 eighth notes



NOTES	E2	F#2	G#2	A2	B2	C#3	D#3	E3
COUNT	1	&	2	&	3	&	4	&

2 Natural minor

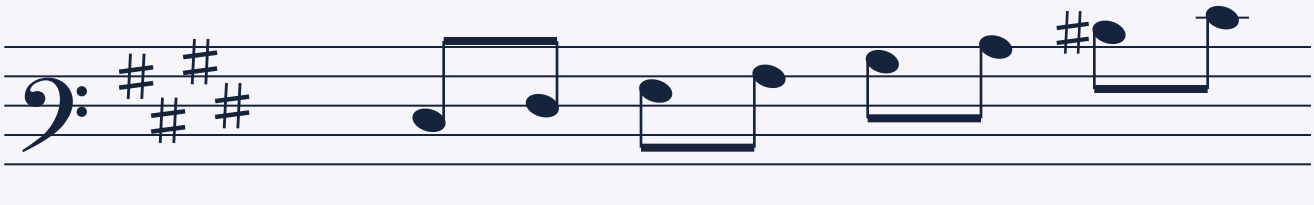
Shared key signature



NOTES	C#3	D#3	E3	F#3	G#3	A3	B3	C#4
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	C#3	D#3	E3	F#3	G#3	A3	B#3	C#4
COUNT	1	&	2	&	3	&	4	&

Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

E Major / C# Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
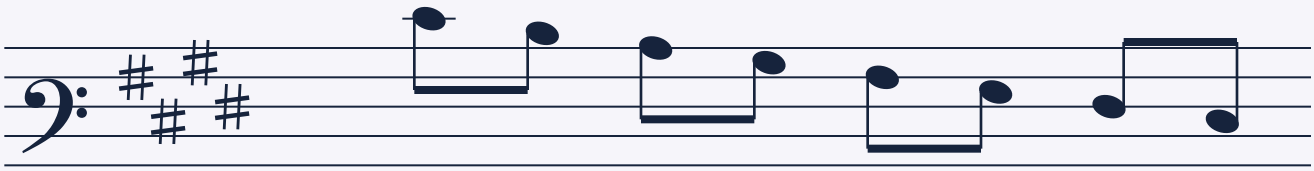
Raise degrees 6 and 7



NOTES	C#3	D#3	E3	F#3	G#3	A#3	B#3	C#4
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
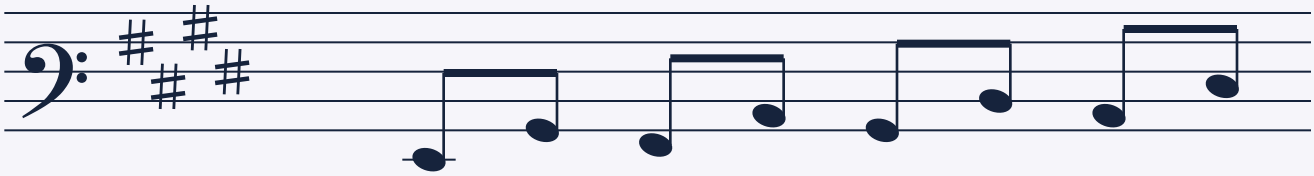
Natural-minor form



NOTES	C#4	B3	A3	G#3	F#3	E3	D#3	C#3
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	E2	G#2	F#2	A2	G#2	B2	A2	C#3
COUNT	1	&	2	&	3	&	4	&

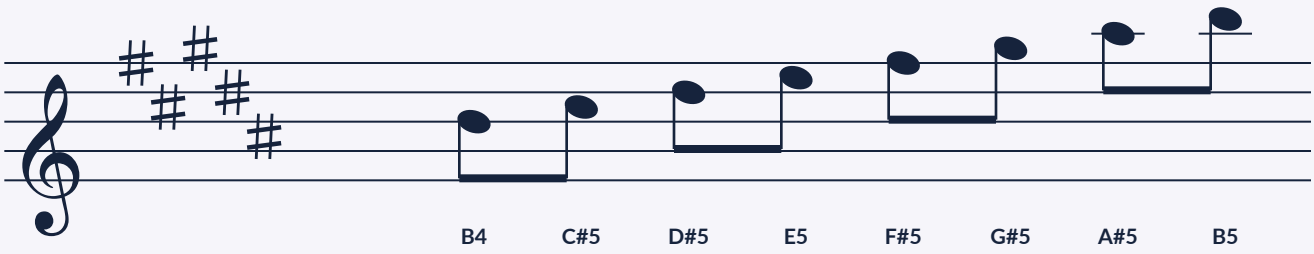
Try: note names -> count -> sing -> play -> reverse -> repeat.

B Major / G# Minor

Treble clef | Key signature: 5 sharps: F#, C#, G#, D#, A#.

1 Major scale

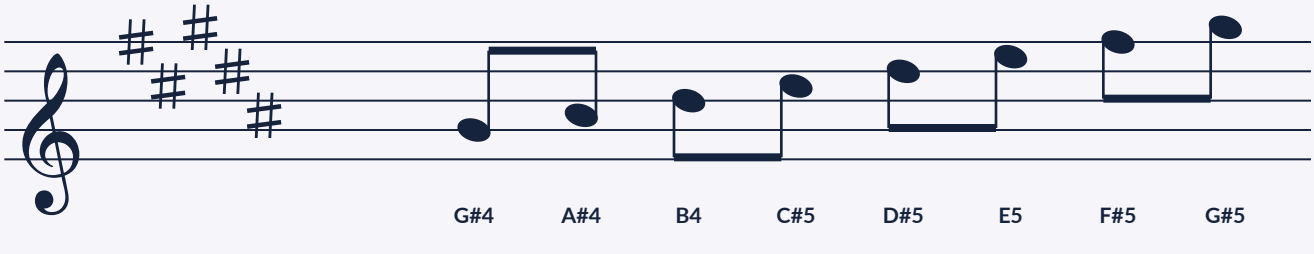
Ascend | 8 eighth notes



NOTES	B4	C#5	D#5	E5	F#5	G#5	A#5	B5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor

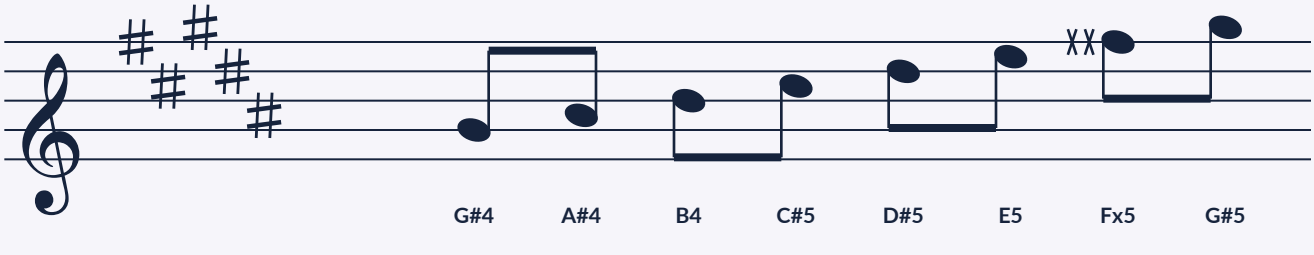
Shared key signature



NOTES	G#4	A#4	B4	C#5	D#5	E5	F#5	G#5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	G#4	A#4	B4	C#5	D#5	E5	Fx5	G#5
COUNT	1	&	2	&	3	&	4	&
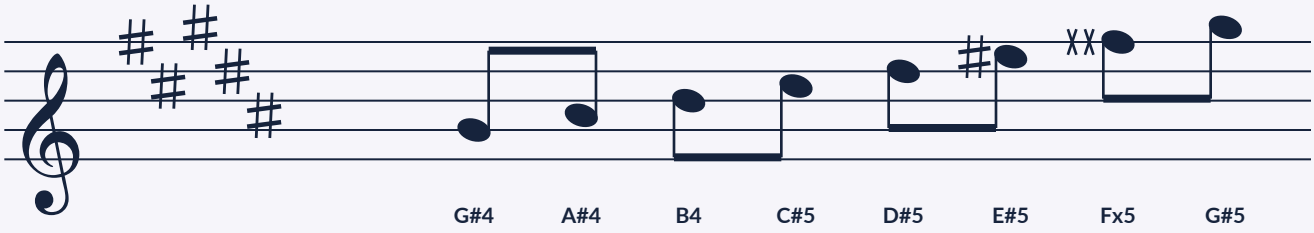
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

B Major / G# Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
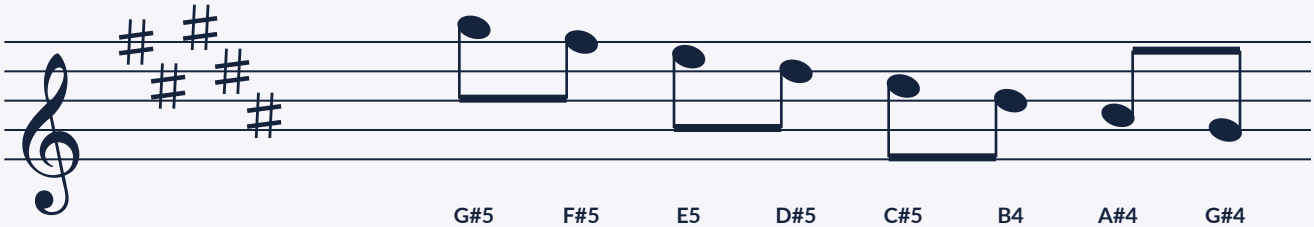
Raise degrees 6 and 7



NOTES	G#4	A#4	B4	C#5	D#5	E#5	Fx5	G#5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
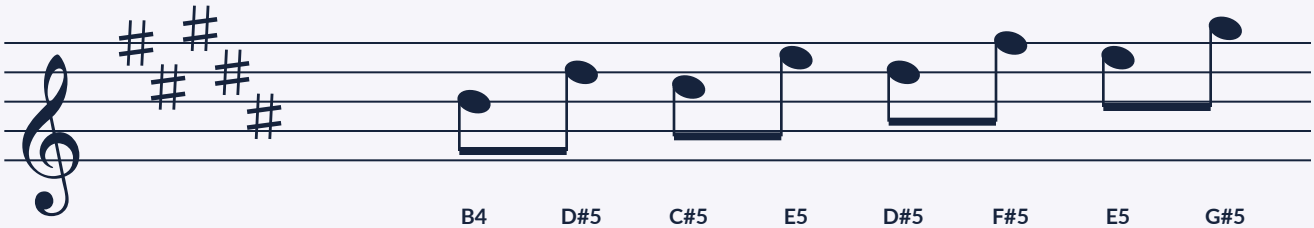
Natural-minor form



NOTES	G#5	F#5	E5	D#5	C#5	B4	A#4	G#4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	B4	D#5	C#5	E5	D#5	F#5	E5	G#5
COUNT	1	&	2	&	3	&	4	&
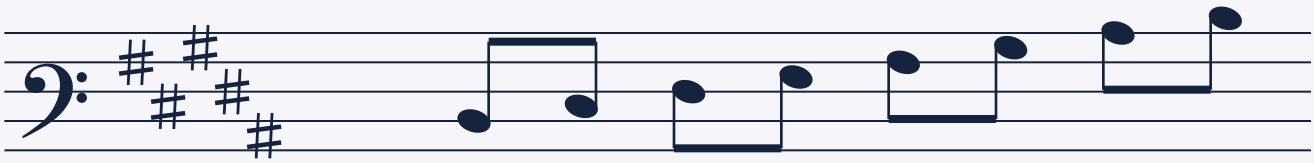
Try: note names -> count -> sing -> play -> reverse -> repeat.

B Major / G# Minor

Bass clef | Key signature: 5 sharps: F#, C#, G#, D#, A#.

1 Major scale
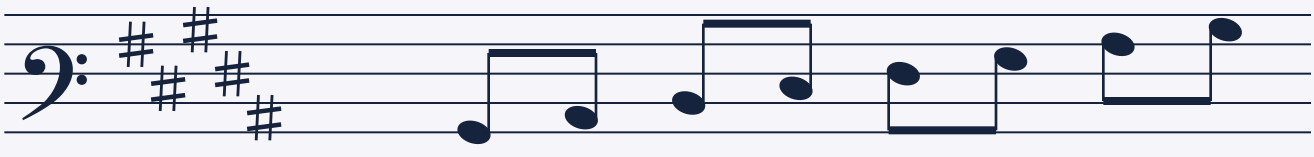
Ascend | 8 eighth notes



NOTES	B2	C#3	D#3	E3	F#3	G#3	A#3	B3
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
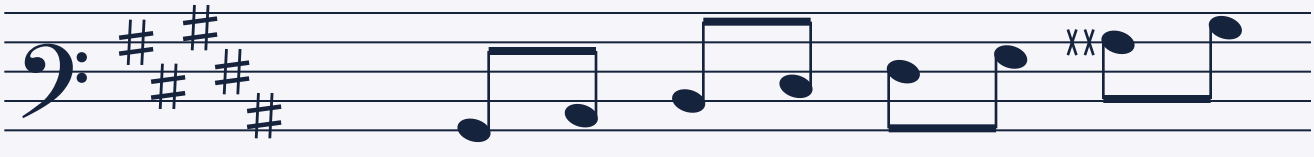
Shared key signature



NOTES	G#2	A#2	B2	C#3	D#3	E3	F#3	G#3
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	G#2	A#2	B2	C#3	D#3	E3	Fx3	G#3
COUNT	1	&	2	&	3	&	4	&
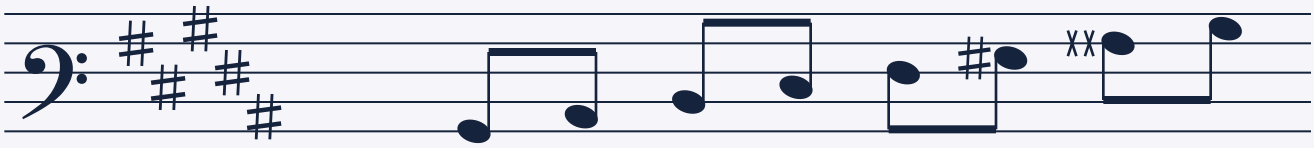
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

B Major / G# Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
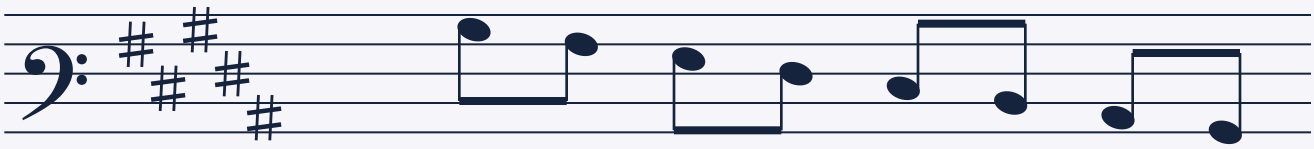
Raise degrees 6 and 7



NOTES	G#2	A#2	B2	C#3	D#3	E#3	Fx3	G#3
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
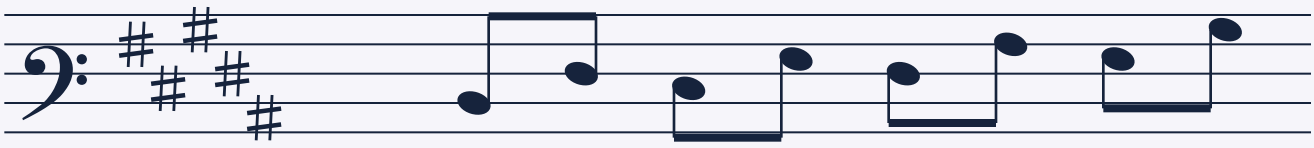
Natural-minor form



NOTES	G#3	F#3	E3	D#3	C#3	B2	A#2	G#2
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	B2	D#3	C#3	E3	D#3	F#3	E3	G#3
COUNT	1	&	2	&	3	&	4	&
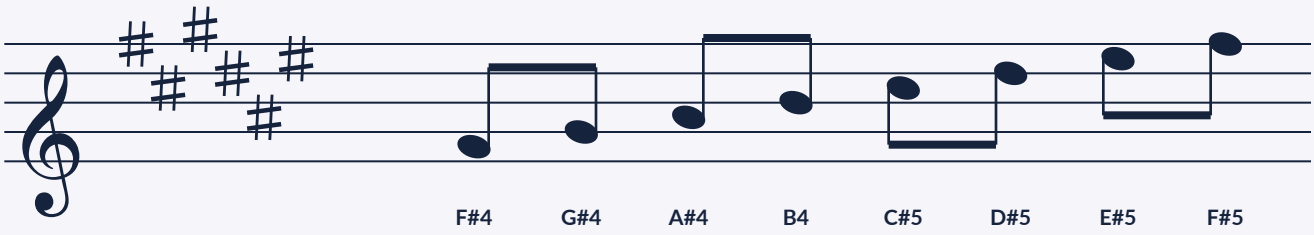
Try: note names -> count -> sing -> play -> reverse -> repeat.

F# Major / D# Minor

Treble clef | Key signature: 6 sharps: F#, C#, G#, D#, A#, E#.

1 Major scale
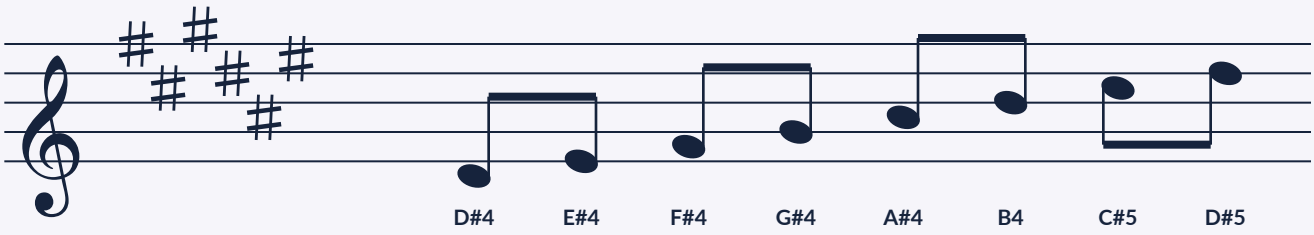
Ascend | 8 eighth notes



NOTES	F#4	G#4	A#4	B4	C#5	D#5	E#5	F#5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
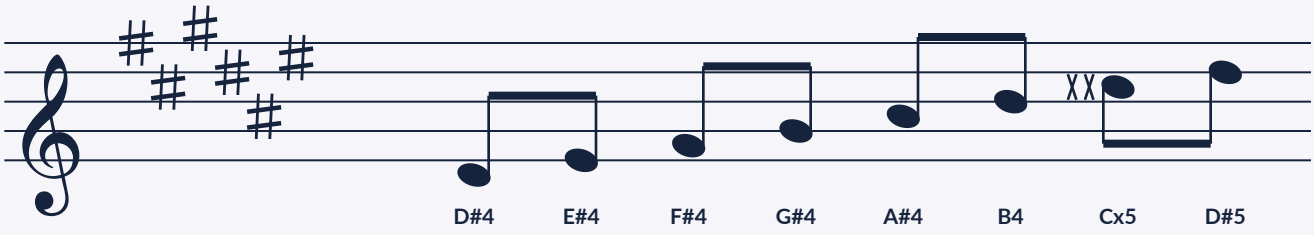
Shared key signature



NOTES	D#4	E#4	F#4	G#4	A#4	B4	C#5	D#5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	D#4	E#4	F#4	G#4	A#4	B4	Cx5	D#5
COUNT	1	&	2	&	3	&	4	&
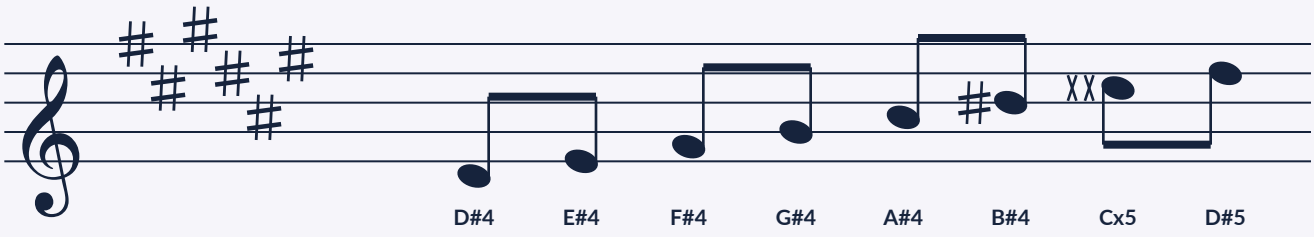
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

F# Major / D# Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending

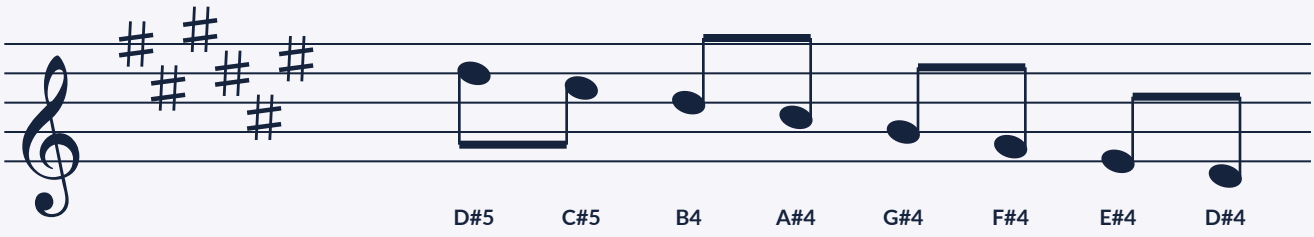
Raise degrees 6 and 7



NOTES	D#4	E#4	F#4	G#4	A#4	B#4	Cx5	D#5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
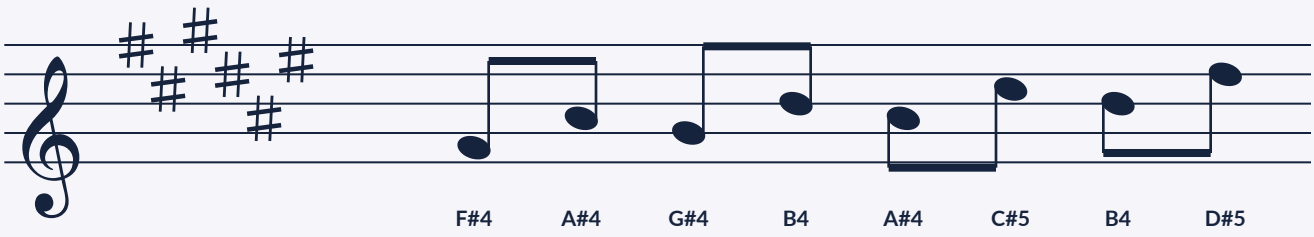
Natural-minor form



NOTES	D#5	C#5	B4	A#4	G#4	F#4	E#4	D#4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	F#4	A#4	G#4	B4	A#4	C#5	B4	D#5
COUNT	1	&	2	&	3	&	4	&
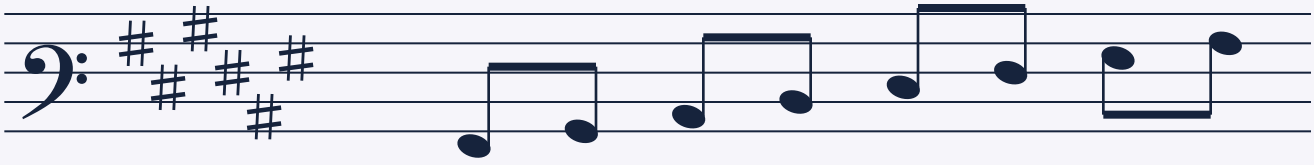
Try: note names -> count -> sing -> play -> reverse -> repeat.

F# Major / D# Minor

Bass clef | Key signature: 6 sharps: F#, C#, G#, D#, A#, E#.

1 Major scale
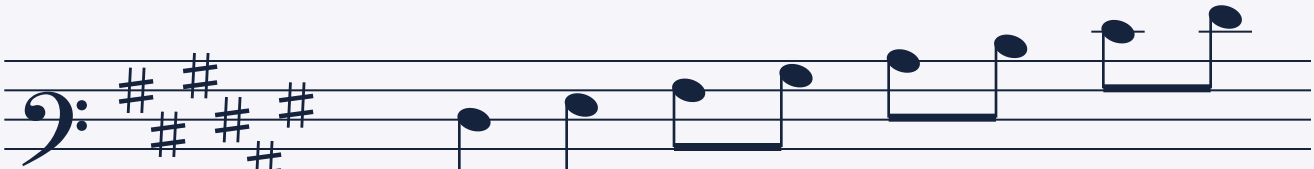
Ascend | 8 eighth notes



NOTES	F#2	G#2	A#2	B2	C#3	D#3	E#3	F#3
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
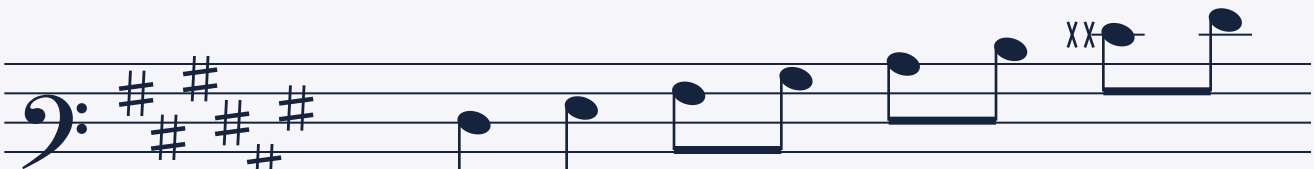
Shared key signature



NOTES	D#3	E#3	F#3	G#3	A#3	B3	C#4	D#4
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	D#3	E#3	F#3	G#3	A#3	B3	Cx4	D#4
COUNT	1	&	2	&	3	&	4	&
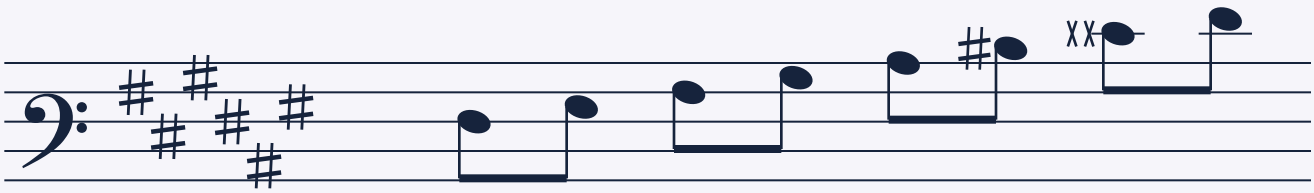
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

F# Major / D# Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
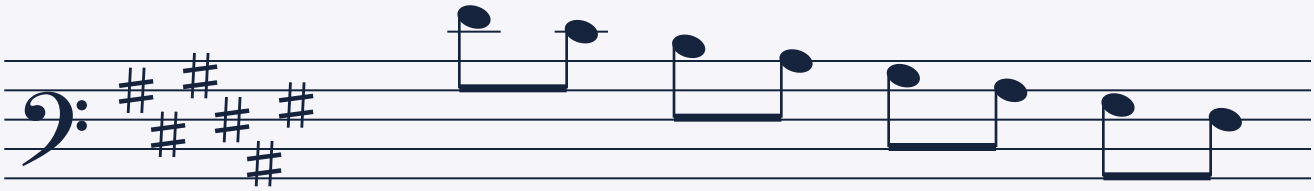
Raise degrees 6 and 7



NOTES	D#3	E#3	F#3	G#3	A#3	B#3	Cx4	D#4
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
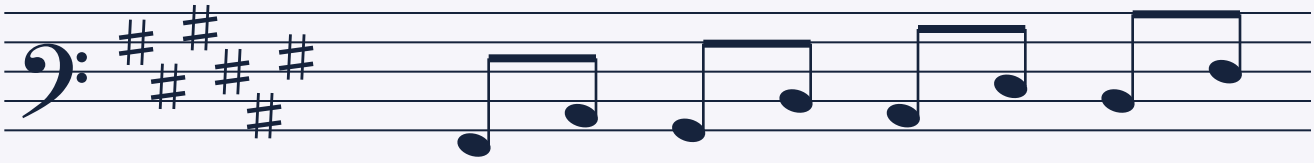
Natural-minor form



NOTES	D#4	C#4	B3	A#3	G#3	F#3	E#3	D#3
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	F#2	A#2	G#2	B2	A#2	C#3	B2	D#3
COUNT	1	&	2	&	3	&	4	&
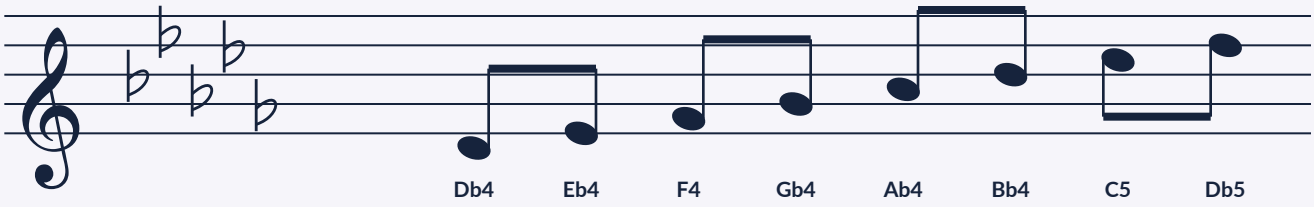
Try: note names -> count -> sing -> play -> reverse -> repeat.

Db Major / Bb Minor

Treble clef | Key signature: 5 flats: Bb, Eb, Ab, Db, Gb.

1 Major scale

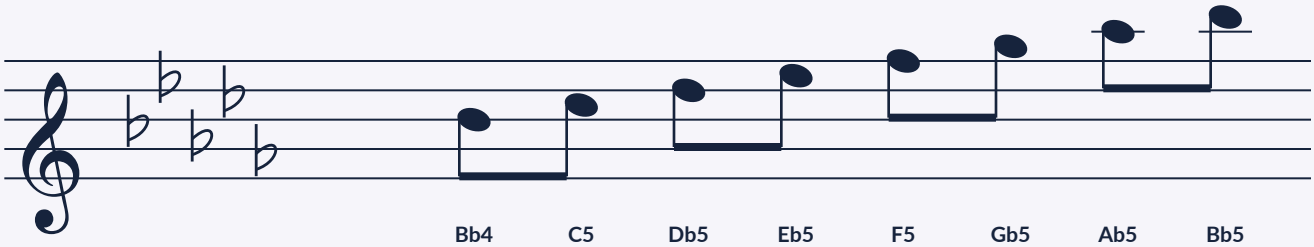
Ascend | 8 eighth notes



NOTES	Db4	Eb4	F4	Gb4	Ab4	Bb4	C5	Db5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor

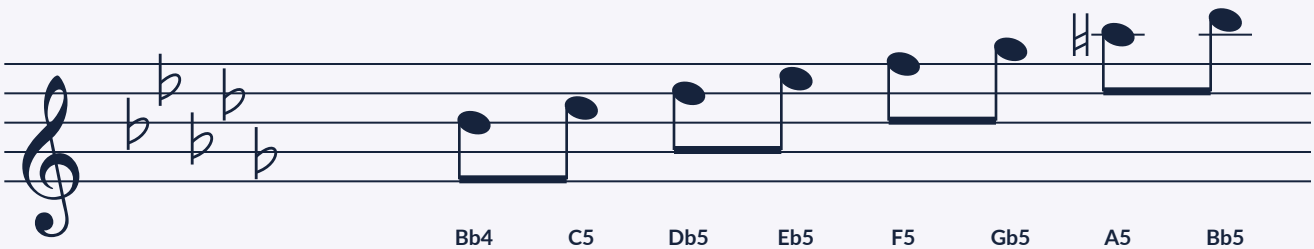
Shared key signature



NOTES	Bb4	C5	Db5	Eb5	F5	Gb5	Ab5	Bb5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	Bb4	C5	Db5	Eb5	F5	Gb5	A5	Bb5
COUNT	1	&	2	&	3	&	4	&

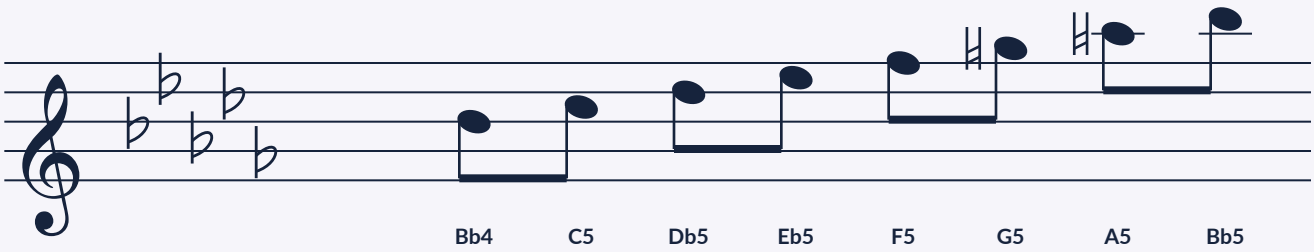
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

Db Major / Bb Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
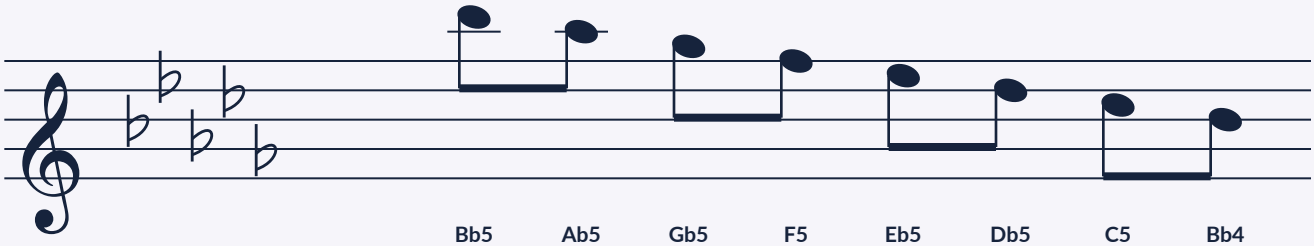
Raise degrees 6 and 7



NOTES	Bb4	C5	Db5	Eb5	F5	G5	A5	Bb5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
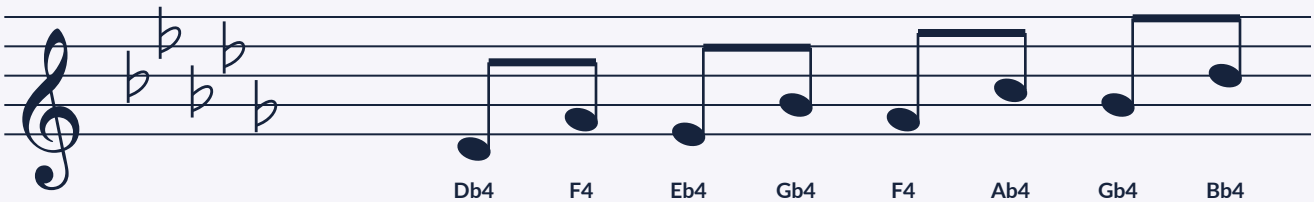
Natural-minor form



NOTES	Bb5	Ab5	Gb5	F5	Eb5	Db5	C5	Bb4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	Db4	F4	Eb4	Gb4	F4	Ab4	Gb4	Bb4
COUNT	1	&	2	&	3	&	4	&
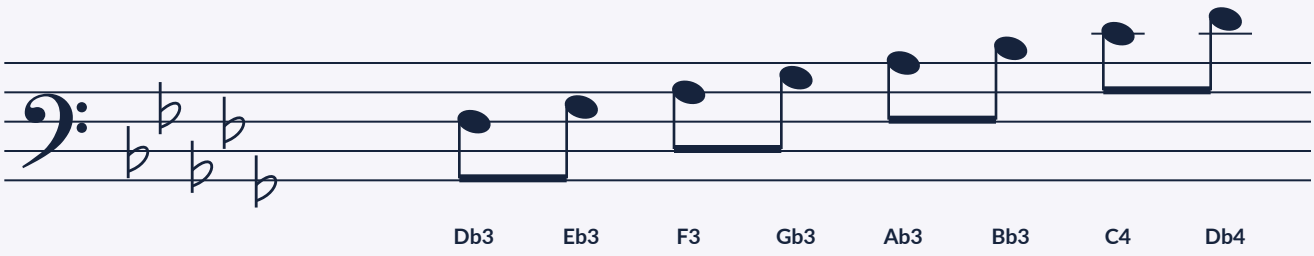
Try: note names -> count -> sing -> play -> reverse -> repeat.

Db Major / Bb Minor

Bass clef | Key signature: 5 flats: Bb, Eb, Ab, Db, Gb.

1 Major scale
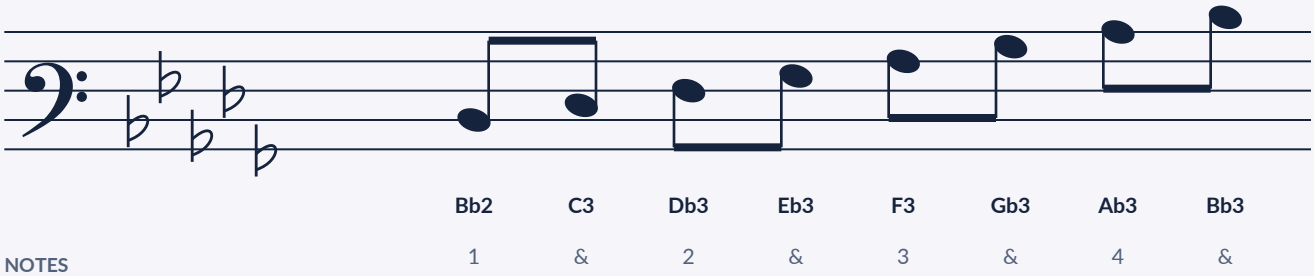
Ascend | 8 eighth notes



NOTES	Db3	Eb3	F3	Gb3	Ab3	Bb3	C4	Db4
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
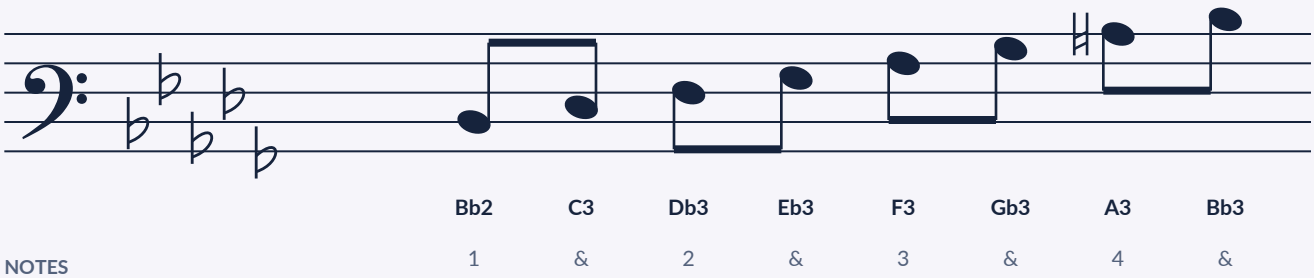
Shared key signature



NOTES	Bb2	C3	Db3	Eb3	F3	Gb3	Ab3	Bb3
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	Bb2	C3	Db3	Eb3	F3	Gb3	A3	Bb3
COUNT	1	&	2	&	3	&	4	&

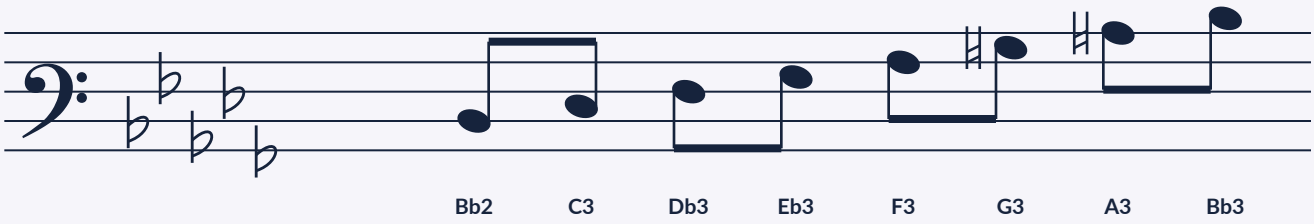
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

Db Major / Bb Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
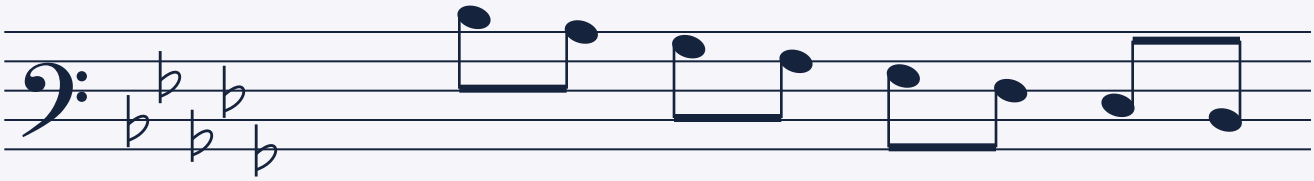
Raise degrees 6 and 7



NOTES	Bb2	C3	Db3	Eb3	F3	G3	A3	Bb3
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
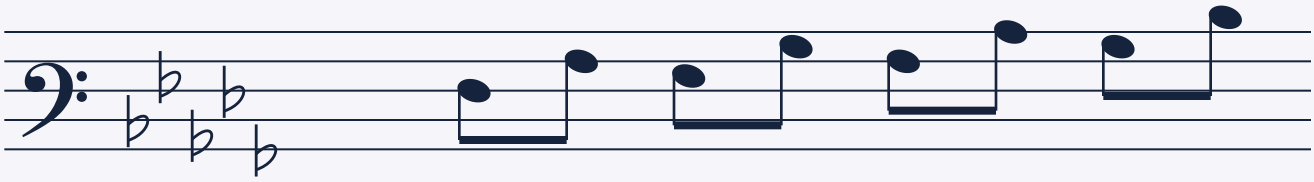
Natural-minor form



NOTES	Bb3	Ab3	Gb3	F3	Eb3	Db3	C3	Bb2
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	Db3	F3	Eb3	Gb3	F3	Ab3	Gb3	Bb3
COUNT	1	&	2	&	3	&	4	&
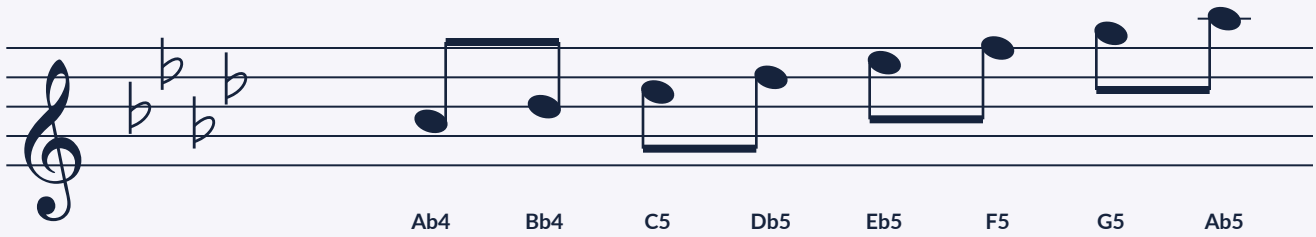
Try: note names -> count -> sing -> play -> reverse -> repeat.

Ab Major / F Minor

Treble clef | Key signature: 4 flats: Bb, Eb, Ab, Db.

1 Major scale
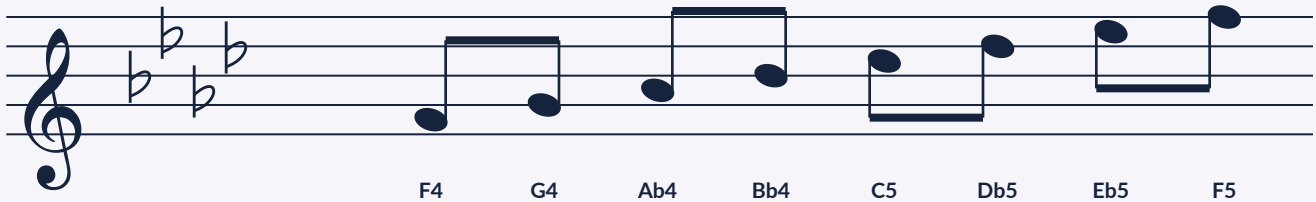
Ascend | 8 eighth notes



NOTES	Ab4	Bb4	C5	Db5	Eb5	F5	G5	Ab5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor

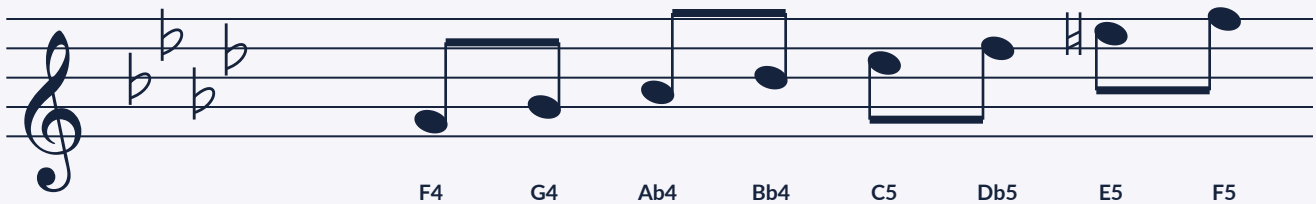
Shared key signature



NOTES	F4	G4	Ab4	Bb4	C5	Db5	Eb5	F5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	F4	G4	Ab4	Bb4	C5	Db5	E5	F5
COUNT	1	&	2	&	3	&	4	&

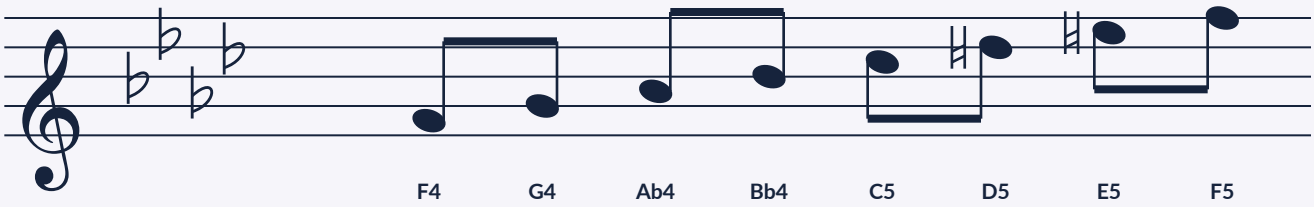
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

Ab Major / F Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
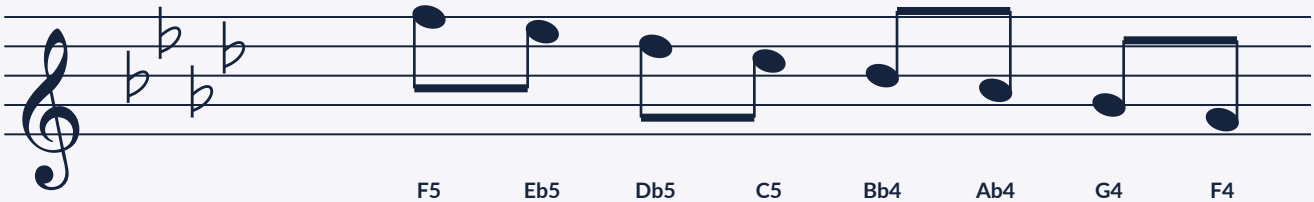
Raise degrees 6 and 7



NOTES	F4	G4	Ab4	Bb4	C5	D5	E5	F5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
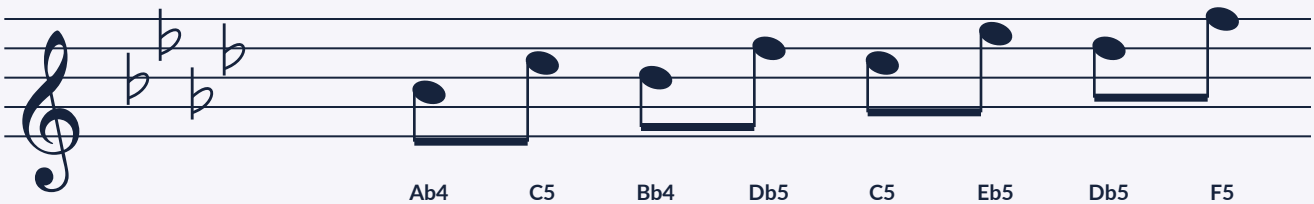
Natural-minor form



NOTES	F5	Eb5	Db5	C5	Bb4	Ab4	G4	F4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	Ab4	C5	Bb4	Db5	C5	Eb5	Db5	F5
COUNT	1	&	2	&	3	&	4	&

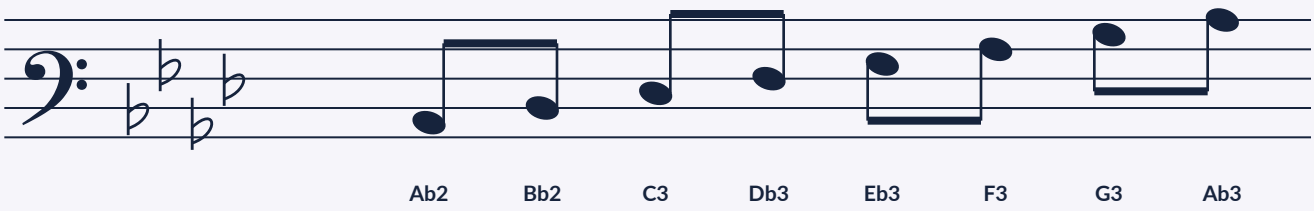
Try: note names -> count -> sing -> play -> reverse -> repeat.

Ab Major / F Minor

Bass clef | Key signature: 4 flats: Bb, Eb, Ab, Db.

1 Major scale
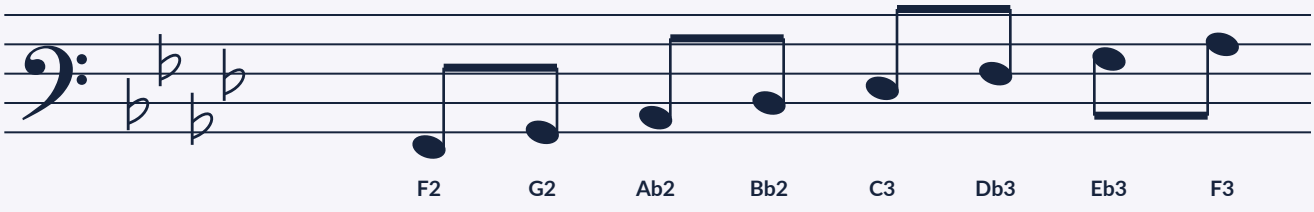
Ascend | 8 eighth notes



NOTES	Ab2	Bb2	C3	Db3	Eb3	F3	G3	Ab3
COUNT	1	&	2	&	3	&	4	&

2 Natural minor

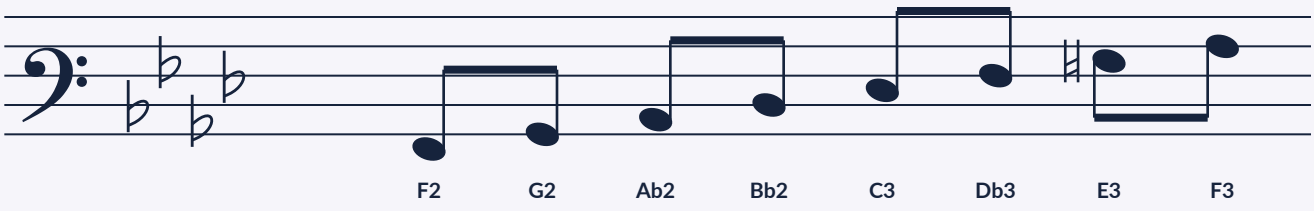
Shared key signature



NOTES	F2	G2	Ab2	Bb2	C3	Db3	Eb3	F3
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	F2	G2	Ab2	Bb2	C3	Db3	E3	F3
COUNT	1	&	2	&	3	&	4	&
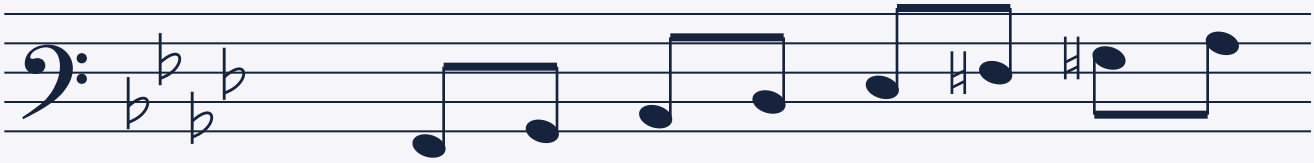
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

Ab Major / F Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending

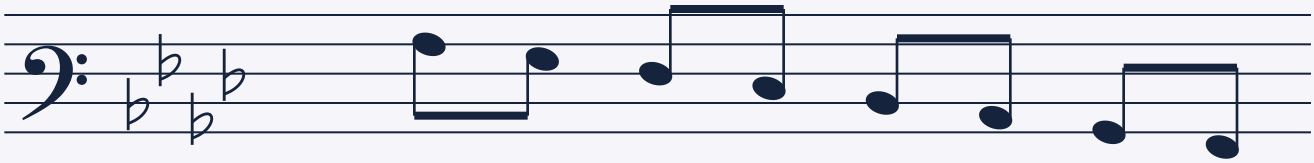
Raise degrees 6 and 7



NOTES	F2	G2	Ab2	Bb2	C3	D3	E3	F3
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
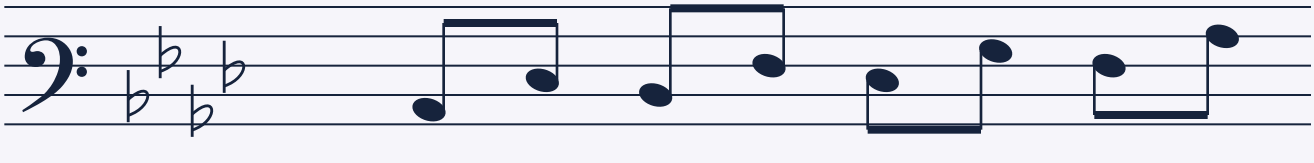
Natural-minor form



NOTES	F3	Eb3	Db3	C3	Bb2	Ab2	G2	F2
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	Ab2	C3	Bb2	Db3	C3	Eb3	Db3	F3
COUNT	1	&	2	&	3	&	4	&
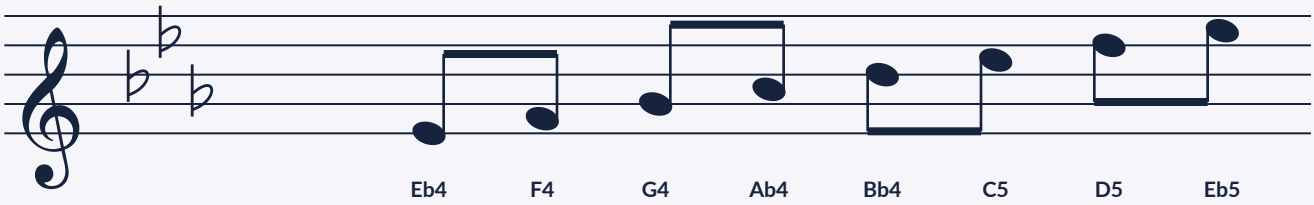
Try: note names -> count -> sing -> play -> reverse -> repeat.

Eb Major / C Minor

Treble clef | Key signature: 3 flats: Bb, Eb, Ab.

1 Major scale

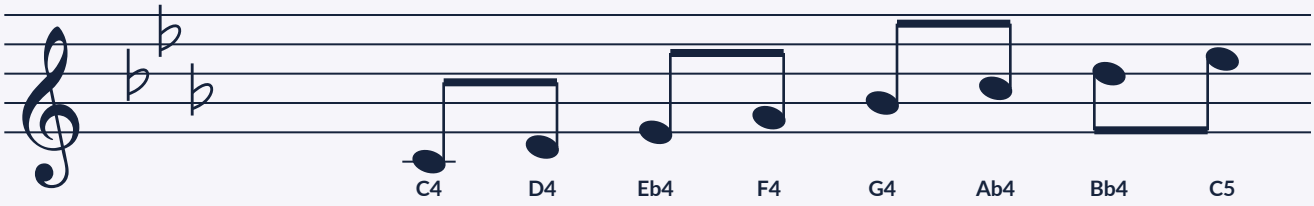
Ascend | 8 eighth notes



NOTES	Eb4	F4	G4	Ab4	Bb4	C5	D5	Eb5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
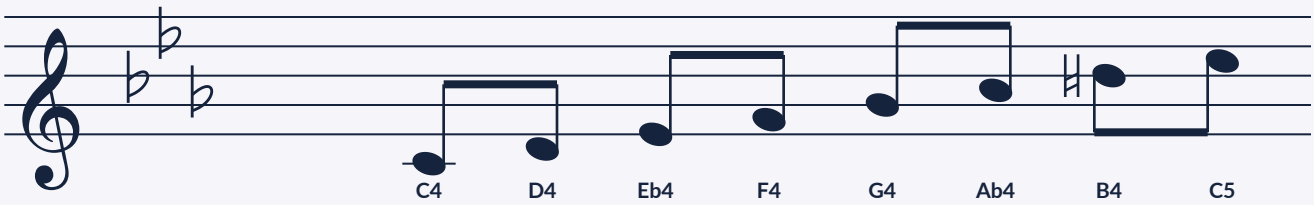
Shared key signature



NOTES	C4	D4	Eb4	F4	G4	Ab4	Bb4	C5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	C4	D4	Eb4	F4	G4	Ab4	B4	C5
COUNT	1	&	2	&	3	&	4	&
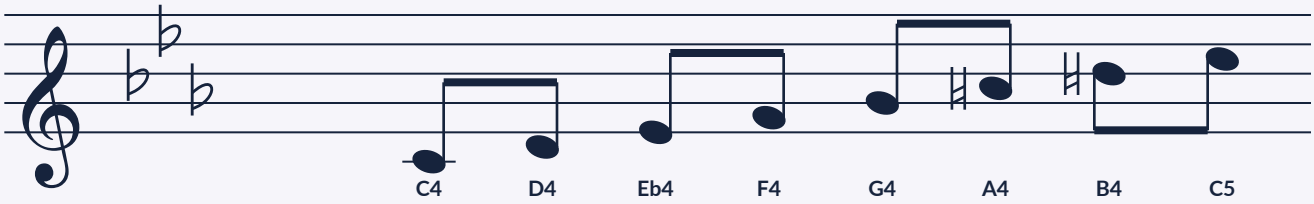
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

Eb Major / C Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending

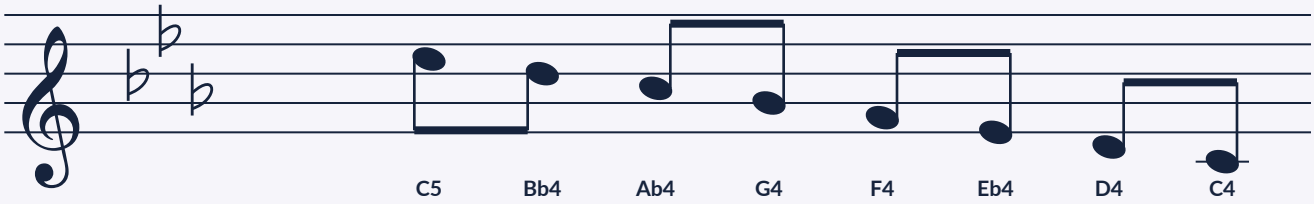
Raise degrees 6 and 7



NOTES	C4	D4	Eb4	F4	G4	A4	B4	C5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
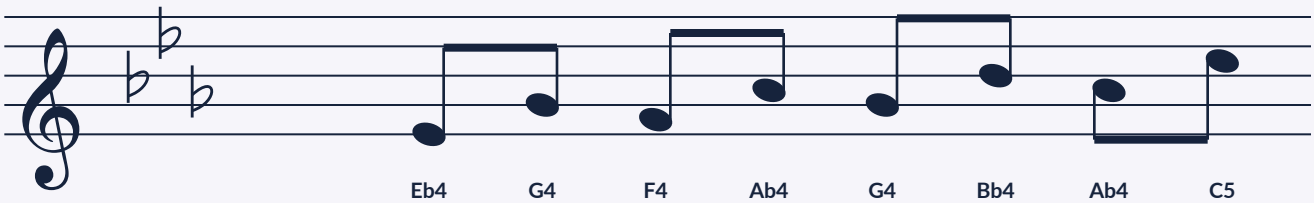
Natural-minor form



NOTES	C5	Bb4	Ab4	G4	F4	Eb4	D4	C4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	Eb4	G4	F4	Ab4	G4	Bb4	Ab4	C5
COUNT	1	&	2	&	3	&	4	&

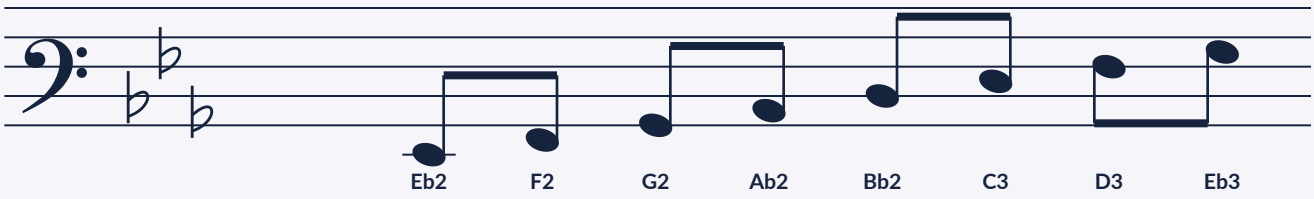
Try: note names -> count -> sing -> play -> reverse -> repeat.

Eb Major / C Minor

Bass clef | Key signature: 3 flats: Bb, Eb, Ab.

1 Major scale

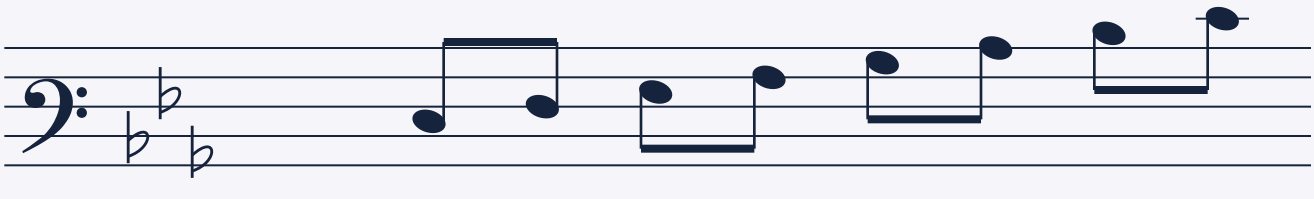
Ascend | 8 eighth notes



NOTES	Eb2	F2	G2	Ab2	Bb2	C3	D3	Eb3
COUNT	1	&	2	&	3	&	4	&

2 Natural minor

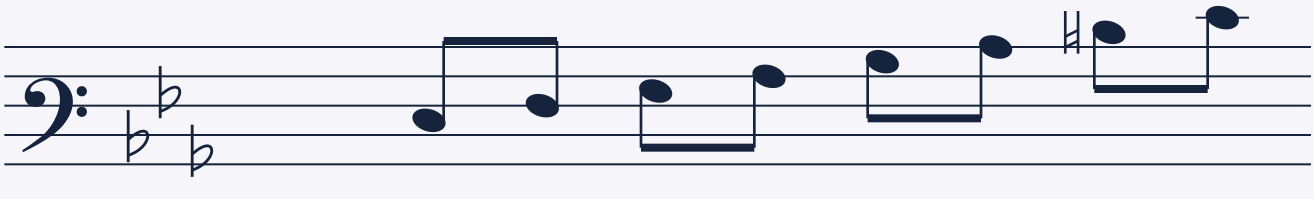
Shared key signature



NOTES	C3	D3	Eb3	F3	G3	Ab3	Bb3	C4
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	C3	D3	Eb3	F3	G3	Ab3	B3	C4
COUNT	1	&	2	&	3	&	4	&

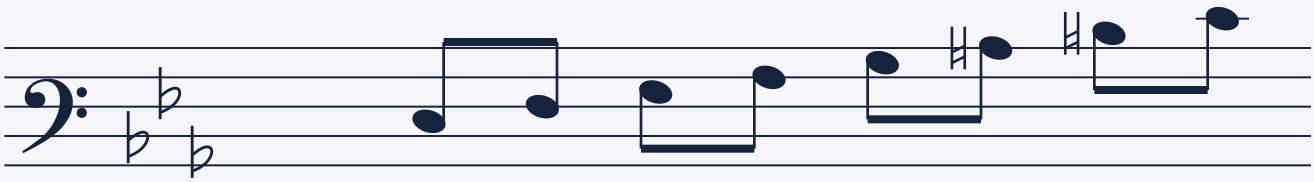
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

Eb Major / C Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending

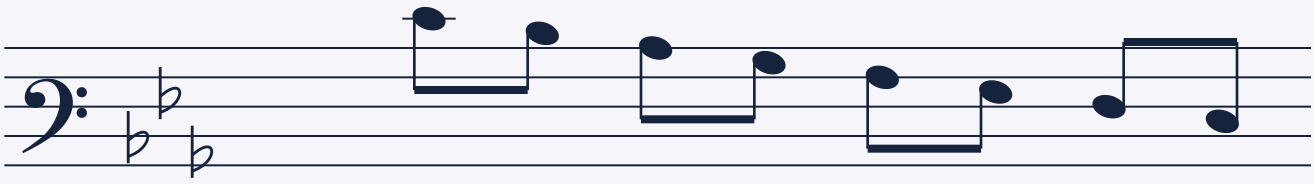
Raise degrees 6 and 7



NOTES	C3	D3	Eb3	F3	G3	A3	B3	C4
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
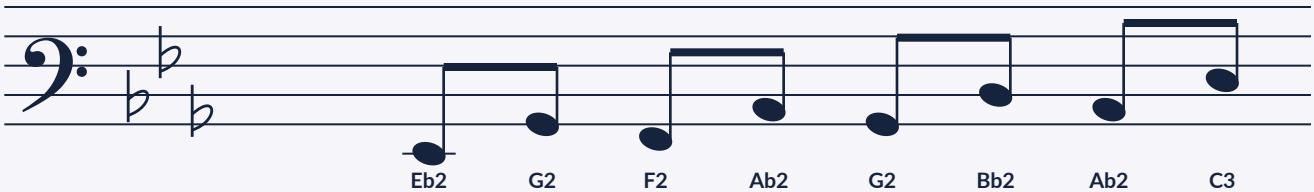
Natural-minor form



NOTES	C4	Bb3	Ab3	G3	F3	Eb3	D3	C3
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	Eb2	G2	F2	Ab2	G2	Bb2	Ab2	C3
COUNT	1	&	2	&	3	&	4	&
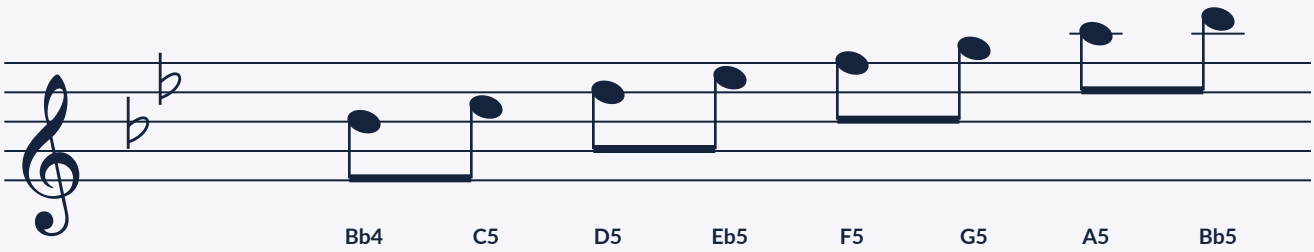
Try: note names -> count -> sing -> play -> reverse -> repeat.

Bb Major / G Minor

Treble clef | Key signature: 2 flats: Bb, Eb.

1 Major scale
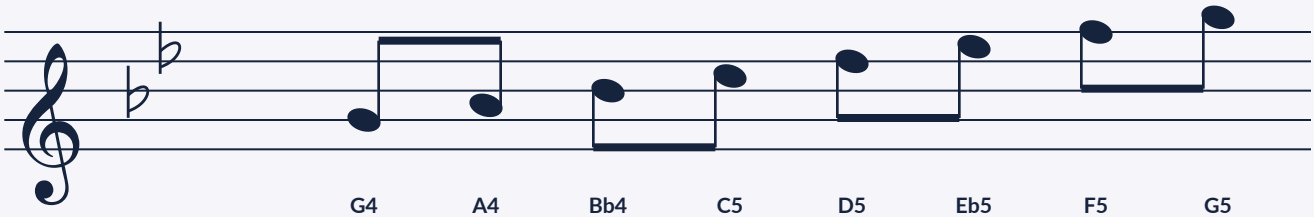
Ascend | 8 eighth notes



NOTES	Bb4	C5	D5	Eb5	F5	G5	A5	Bb5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
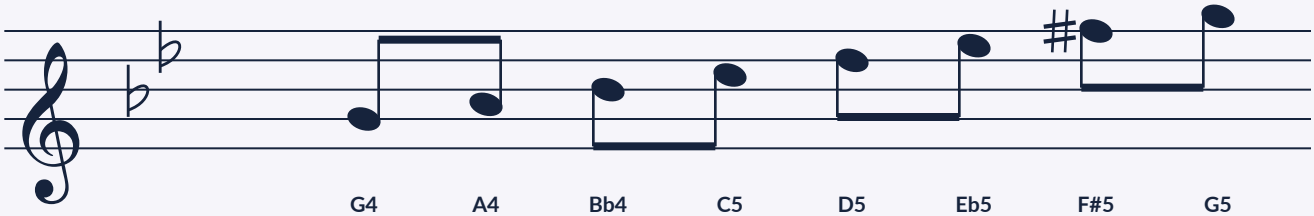
Shared key signature



NOTES	G4	A4	Bb4	C5	D5	Eb5	F5	G5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	G4	A4	Bb4	C5	D5	Eb5	F#5	G5
COUNT	1	&	2	&	3	&	4	&

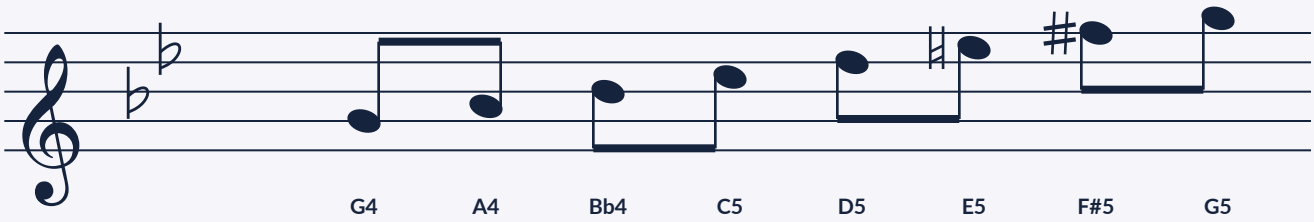
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

Bb Major / G Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
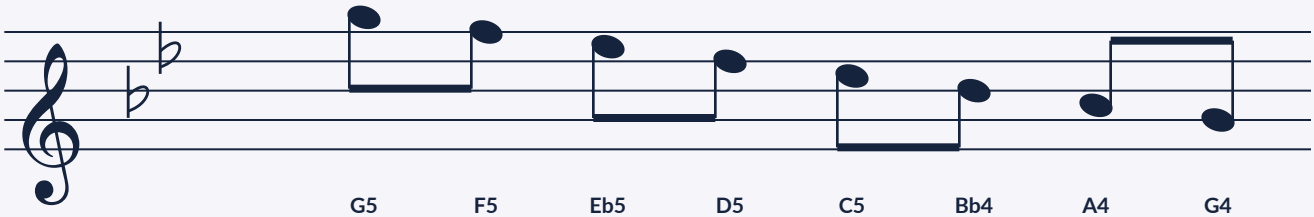
Raise degrees 6 and 7



NOTES	G4	A4	Bb4	C5	D5	E5	F#5	G5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending

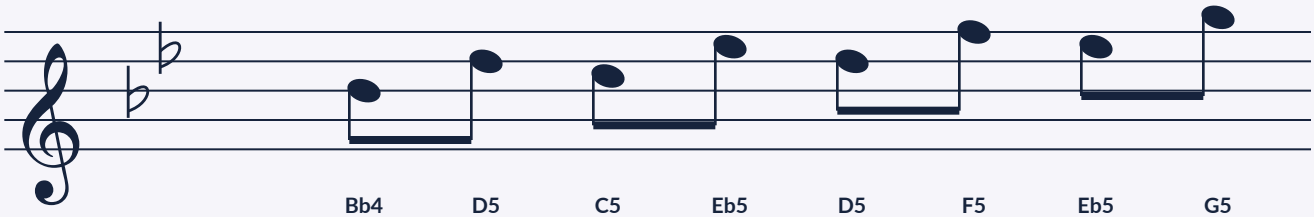
Natural-minor form



NOTES	G5	F5	Eb5	D5	C5	Bb4	A4	G4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	Bb4	D5	C5	Eb5	D5	F5	Eb5	G5
COUNT	1	&	2	&	3	&	4	&
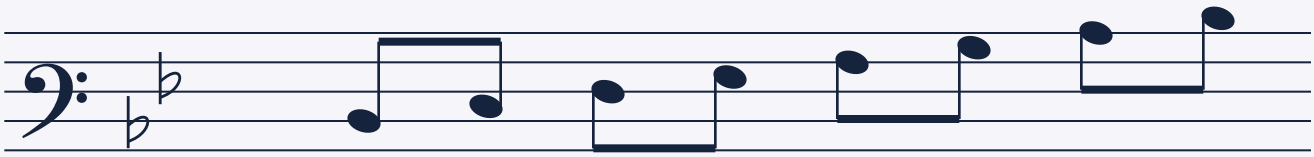
Try: note names -> count -> sing -> play -> reverse -> repeat.

Bb Major / G Minor

Bass clef | Key signature: 2 flats: Bb, Eb.

1 Major scale
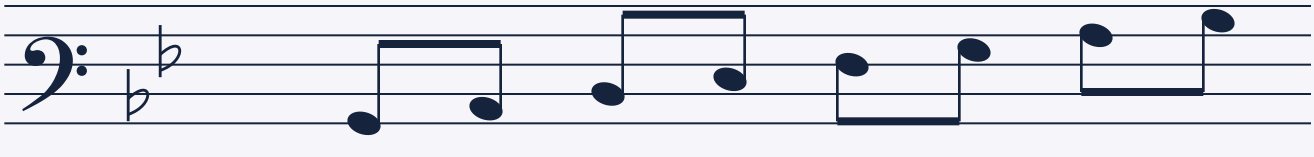
Ascend | 8 eighth notes



NOTES	Bb2	C3	D3	Eb3	F3	G3	A3	Bb3
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
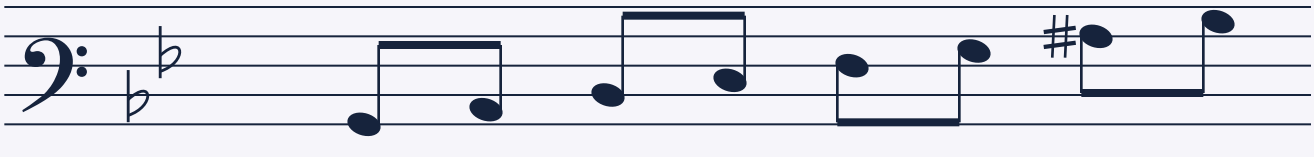
Shared key signature



NOTES	G2	A2	Bb2	C3	D3	Eb3	F3	G3
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	G2	A2	Bb2	C3	D3	Eb3	F#3	G3
COUNT	1	&	2	&	3	&	4	&
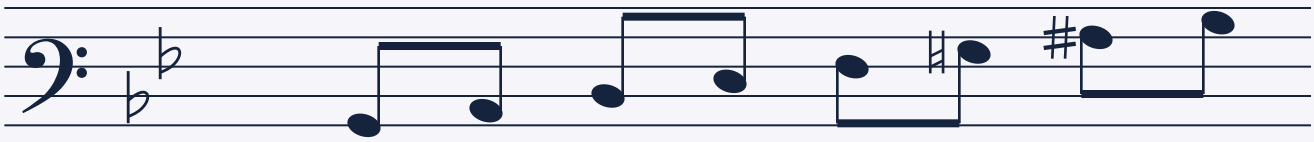
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

Bb Major / G Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
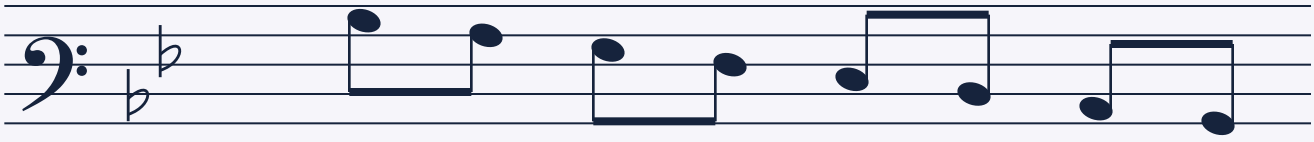
Raise degrees 6 and 7



NOTES	G2	A2	Bb2	C3	D3	E3	F#3	G3
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
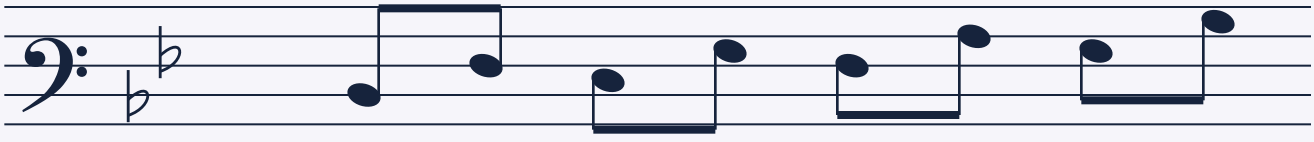
Natural-minor form



NOTES	G3	F3	Eb3	D3	C3	Bb2	A2	G2
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	Bb2	D3	C3	Eb3	D3	F3	Eb3	G3
COUNT	1	&	2	&	3	&	4	&
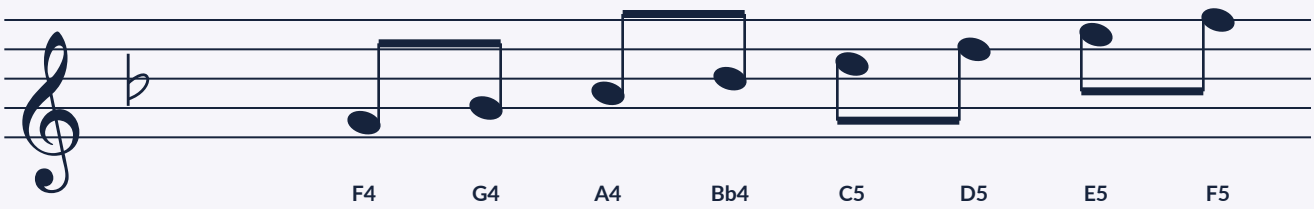
Try: note names -> count -> sing -> play -> reverse -> repeat.

F Major / D Minor

Treble clef | Key signature: 1 flats: Bb.

1 Major scale
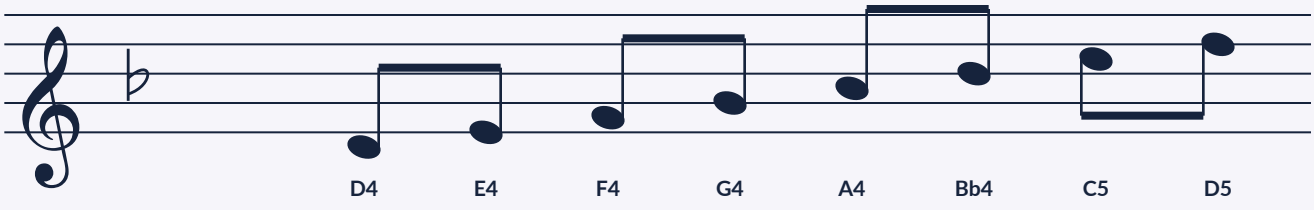
Ascend | 8 eighth notes



NOTES	F4	G4	A4	Bb4	C5	D5	E5	F5
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
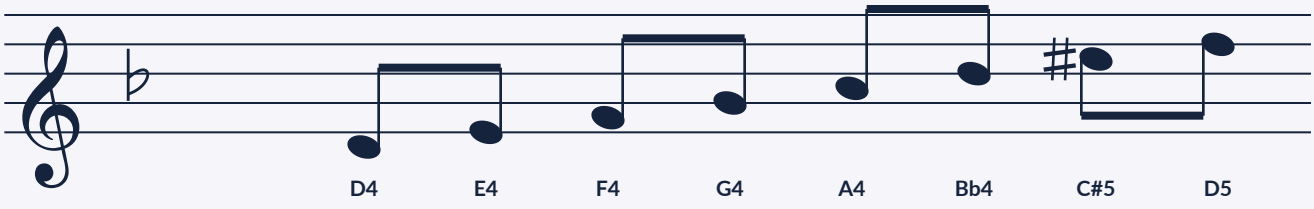
Shared key signature



NOTES	D4	E4	F4	G4	A4	Bb4	C5	D5
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	D4	E4	F4	G4	A4	Bb4	C#5	D5
COUNT	1	&	2	&	3	&	4	&
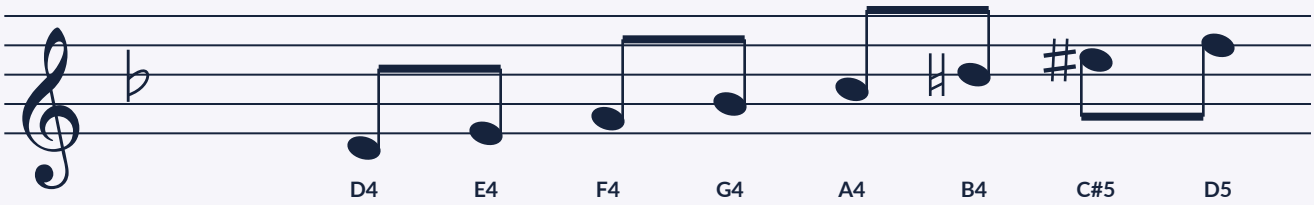
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

F Major / D Minor (continued)

Treble clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
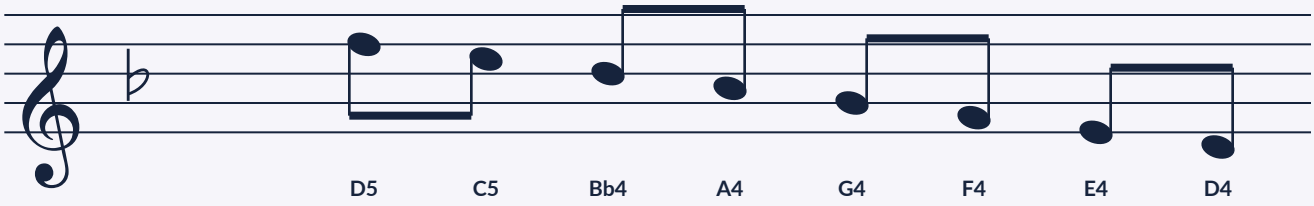
Raise degrees 6 and 7



NOTES	D4	E4	F4	G4	A4	B4	C#5	D5
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
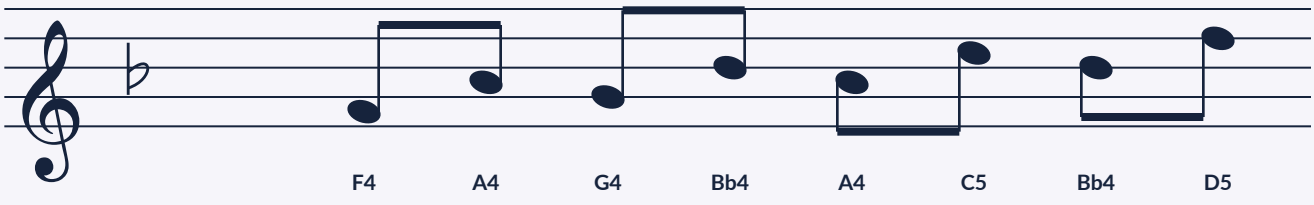
Natural-minor form



NOTES	D5	C5	Bb4	A4	G4	F4	E4	D4
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	F4	A4	G4	Bb4	A4	C5	Bb4	D5
COUNT	1	&	2	&	3	&	4	&
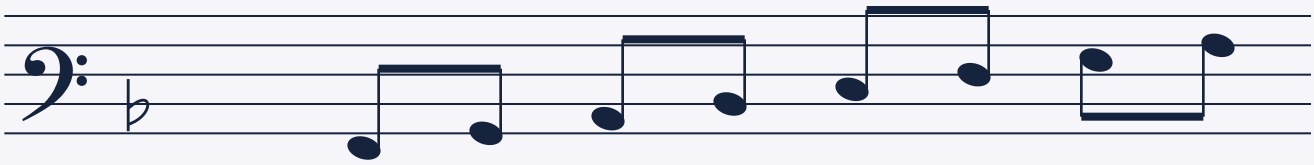
Try: note names -> count -> sing -> play -> reverse -> repeat.

F Major / D Minor

Bass clef | Key signature: 1 flats: Bb.

1 Major scale
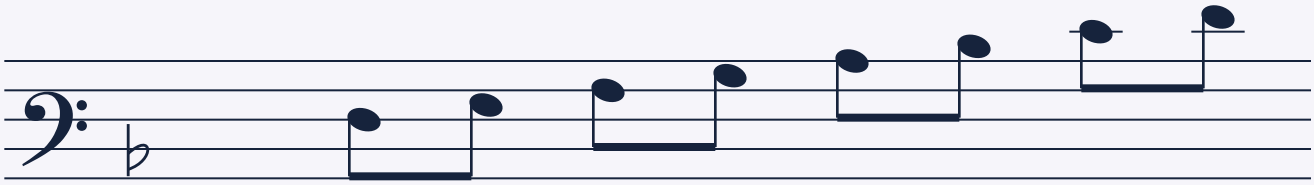
Ascend | 8 eighth notes



NOTES	F2	G2	A2	Bb2	C3	D3	E3	F3
COUNT	1	&	2	&	3	&	4	&

2 Natural minor
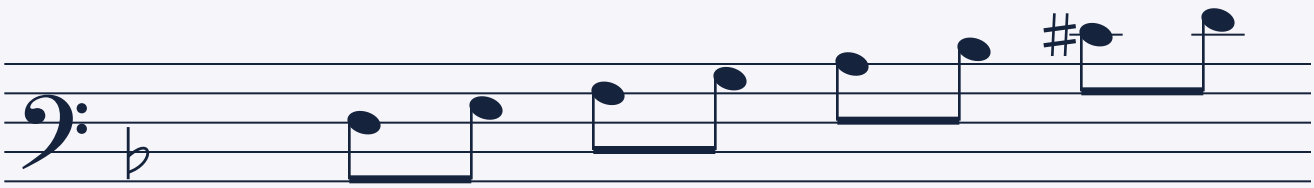
Shared key signature



NOTES	D3	E3	F3	G3	A3	Bb3	C4	D4
COUNT	1	&	2	&	3	&	4	&

3 Harmonic minor

Raise degree 7



NOTES	D3	E3	F3	G3	A3	Bb3	C#4	D4
COUNT	1	&	2	&	3	&	4	&
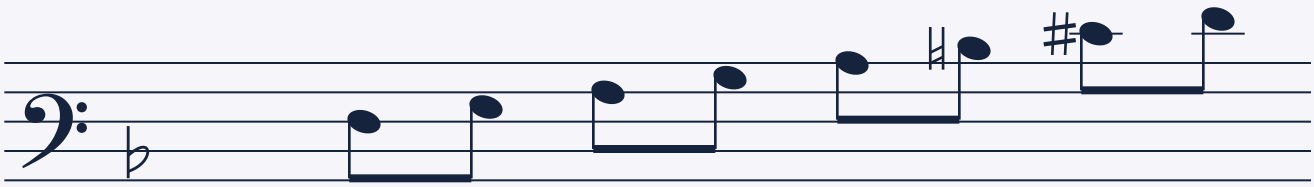
Practice: 60 BPM -> 72 BPM -> 84 BPM when accurate. Count aloud first.

F Major / D Minor (continued)

Bass clef | Melodic minor and a major-scale skip study

4 Melodic minor ascending
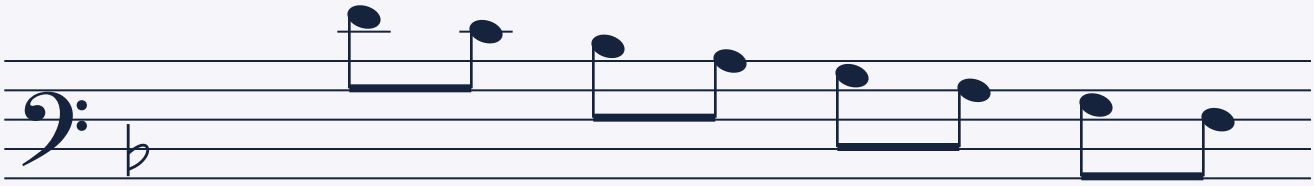
Raise degrees 6 and 7



NOTES	D3	E3	F3	G3	A3	B3	C#4	D4
COUNT	1	&	2	&	3	&	4	&

5 Melodic minor descending
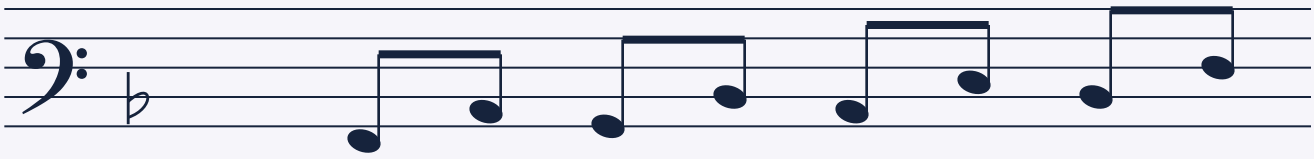
Natural-minor form



NOTES	D4	C4	Bb3	A3	G3	F3	E3	D3
COUNT	1	&	2	&	3	&	4	&

6 Major scale: reading in thirds

1-3-2-4-3-5-4-6



NOTES	F2	A2	G2	Bb2	A2	C3	Bb2	D3
COUNT	1	&	2	&	3	&	4	&
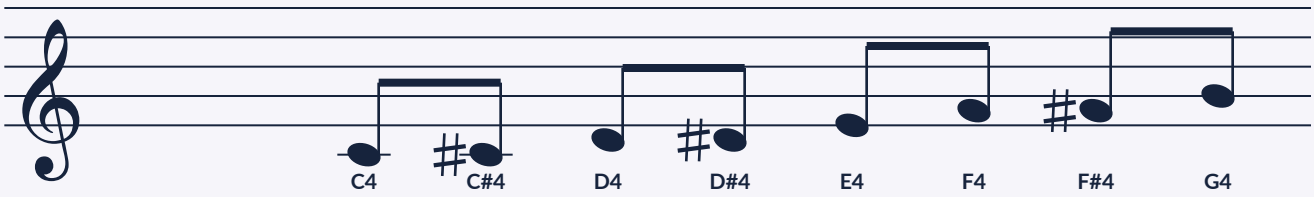
Try: note names -> count -> sing -> play -> reverse -> repeat.

Chromatic + Pentatonic

Treble clef | supplemental note-group study

Chromatic step 1

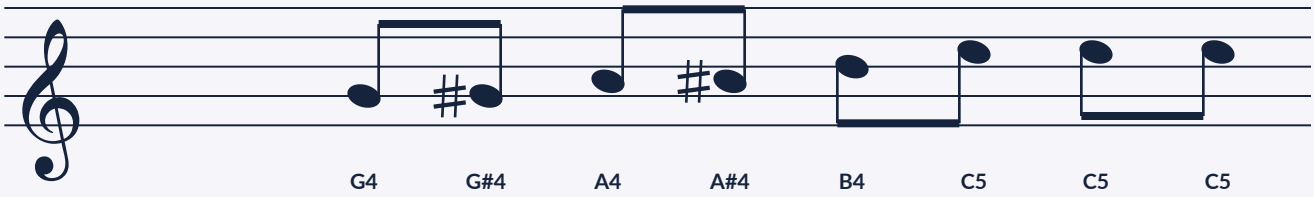
C through F#; G resolves



NOTES	C4	C#4	D4	D#4	E4	F4	F#4	G4
COUNT	1	&	2	&	3	&	4	&

Chromatic step 2
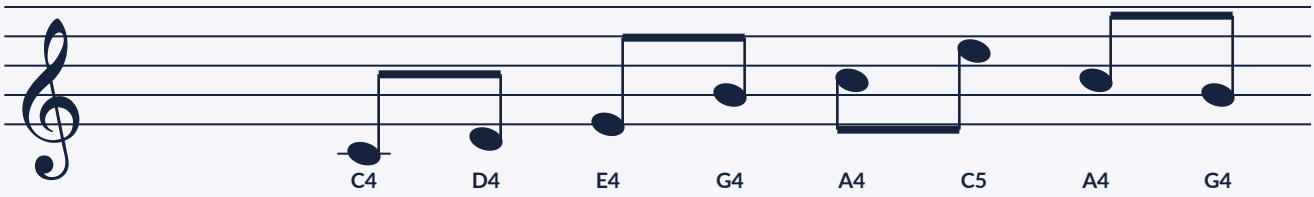
G through C; last C repeated



NOTES	G4	G#4	A4	A#4	B4	C5	C5	C5
COUNT	1	&	2	&	3	&	4	&

C major pentatonic + return

C D E G A C A G



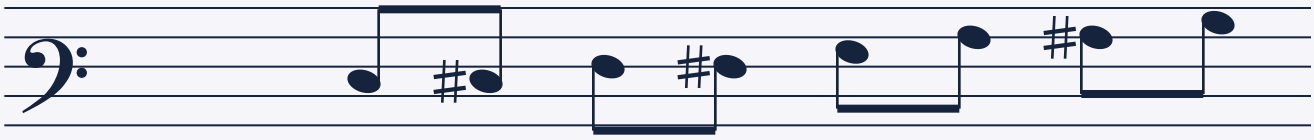
NOTES	C4	D4	E4	G4	A4	C5	A4	G4
COUNT	1	&	2	&	3	&	4	&

Chromatic + Pentatonic

Bass clef | supplemental note-group study

Chromatic step 1

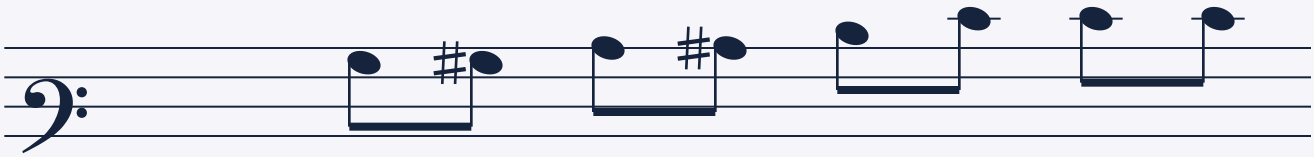
C through F#; G resolves



NOTES	C3	C#3	D3	D#3	E3	F3	F#3	G3
COUNT	1	&	2	&	3	&	4	&

Chromatic step 2
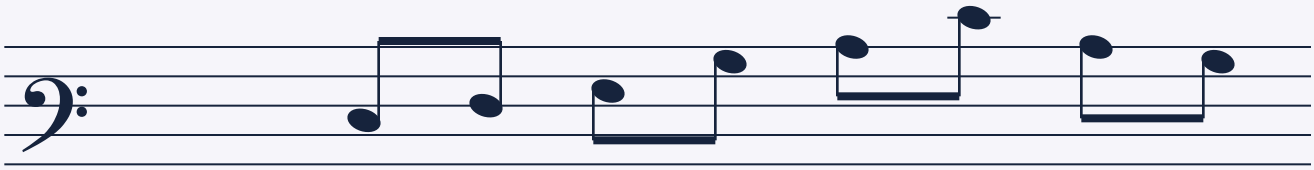
G through C; last C repeated



NOTES	G3	G#3	A3	A#3	B3	C4	C4	C4
COUNT	1	&	2	&	3	&	4	&

C major pentatonic + return

C D E G A C A G



NOTES	C3	D3	E3	G3	A3	C4	A3	G3
COUNT	1	&	2	&	3	&	4	&