

Harmonic and Melodic Intervals: Basic Definitions

(Perfect, Major, Minor and Augmented intervals.
 Ascending and Descending from Middle C.
 Challenge: Can you discover the 1/2-step Formulas?)

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Harmonic Melodic Harmonic Melodic Harm. Mel. Harm. Mel.

Perfect Unison Perfect.5th Perfect.4th Augmented 4th

Detailed description: This block shows the first four intervals in 4/4 time, starting from Middle C. Each interval is shown in both harmonic (simultaneous notes) and melodic (sequential notes) forms. Interval 1: Perfect Unison (C-C). Interval 2: Perfect 5th (C-G). Interval 3: Perfect 4th (C-F). Interval 4: Augmented 4th (C-F#).

5 Ascending 2nds, 3rds, 6ths and 7ths are MAJOR Intervals:

Maj2 M2 Maj3 M3 Maj6 M6 Maj7 M7

Descending 2nds, 3rds, 6ths and 7ths are MINOR Intervals:

minor.2 m2 minor.3 m3 minor.5 m6 minor.7 m7

Detailed description: This block shows intervals 5 through 8. Intervals 5-8 are shown in both ascending and descending directions. Interval 5: Major 2nd (C-D) and Minor 2nd (D-C). Interval 6: Major 3rd (C-E) and Minor 3rd (E-C). Interval 7: Major 6th (C-A) and Minor 6th (A-C). Interval 8: Major 7th (C-B) and Minor 7th (B-C).

10 Add Black Keys and Interval qualities reverse:

minor2 m2 minor3 m3 minor6 m6 minor7 m7

Maj.2 M2 Maj.3 M3 Maj.6 M6 Maj.7 M7

Detailed description: This block shows intervals 9 through 12, which are the reverse of intervals 5-8. Interval 9: Minor 2nd (D-C) and Major 2nd (C-D). Interval 10: Minor 3rd (E-C) and Major 3rd (C-E). Interval 11: Minor 6th (A-C) and Major 6th (C-A). Interval 12: Minor 7th (B-C) and Major 7th (C-B).

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Augmented 4ths, Sometimes called Diminished 5ths, Subdivide the Octave Equally:
This interval is called a TRITONE. Very important when making chords.

The musical notation consists of two staves, Treble and Bass clef, with a brace on the left. The first measure shows a half note G4 in the treble and a half note D5 in the bass, with a sharp sign next to the D5. The second measure shows a whole note G4 in the treble and a whole note D5 in the bass. The third measure shows a whole note G#4 in the treble and a whole note D#5 in the bass. The fourth measure shows a whole rest in the treble and a whole rest in the bass. The piece ends with a double bar line.