

# Overtone Series

## Trumpet Level 12 and 13

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Second, Fourth, and Eighth Partial

Fundamental

open 2nd 1st 1st+2nd or 3rd 2nd+3rd 1st+3rd 1st+2nd+3rd

Detailed description: This musical staff shows the first seven notes of the overtone series for a trumpet. The notes are: open (C2), 2nd (C3), 1st (B2), 1st+2nd or 3rd (C3), 2nd+3rd (D3), 1st+3rd (E3), and 1st+2nd+3rd (F3). The notes are written in a 2-staff system (treble and bass clef). The notes are: open (C2), 2nd (C3), 1st (B2), 1st+2nd or 3rd (C3), 2nd+3rd (D3), 1st+3rd (E3), and 1st+2nd+3rd (F3). The notes are: open (C2), 2nd (C3), 1st (B2), 1st+2nd or 3rd (C3), 2nd+3rd (D3), 1st+3rd (E3), and 1st+2nd+3rd (F3).

Third and Sixth Partial

Detailed description: This musical staff shows the third and sixth partials of the overtone series. The notes are: 3rd (G3), 4th (A3), 5th (B3), 6th (C4), 7th (D4), 8th (E4), and 9th (F4). The notes are: 3rd (G3), 4th (A3), 5th (B3), 6th (C4), 7th (D4), 8th (E4), and 9th (F4).

Fifth and Tenth Partial

Detailed description: This musical staff shows the fifth and tenth partials of the overtone series. The notes are: 5th (B3), 6th (C4), 7th (D4), 8th (E4), 9th (F4), 10th (G4), and 11th (A4). The notes are: 5th (B3), 6th (C4), 7th (D4), 8th (E4), 9th (F4), 10th (G4), and 11th (A4).

Seventh Partial

Detailed description: This musical staff shows the seventh partial of the overtone series. The notes are: 7th (D4), 8th (E4), 9th (F4), 10th (G4), 11th (A4), 12th (B4), and 13th (C5). The notes are: 7th (D4), 8th (E4), 9th (F4), 10th (G4), 11th (A4), 12th (B4), and 13th (C5).

Ninth Partial

Detailed description: This musical staff shows the ninth partial of the overtone series. The notes are: 9th (F4), 10th (G4), 11th (A4), 12th (B4), 13th (C5), 14th (D5), and 15th (E5). The notes are: 9th (F4), 10th (G4), 11th (A4), 12th (B4), 13th (C5), 14th (D5), and 15th (E5).

Detailed description: This musical staff shows all partials of the overtone series. The notes are: 1st (B2), 2nd (C3), 3rd (G3), 4th (A3), 5th (B3), 6th (C4), 7th (D4), 8th (E4), 9th (F4), 10th (G4), 11th (A4), 12th (B4), 13th (C5), 14th (D5), 15th (E5), 16th (F5), 17th (G5), 18th (A5), 19th (B5), and 20th (C6). The notes are: 1st (B2), 2nd (C3), 3rd (G3), 4th (A3), 5th (B3), 6th (C4), 7th (D4), 8th (E4), 9th (F4), 10th (G4), 11th (A4), 12th (B4), 13th (C5), 14th (D5), 15th (E5), 16th (F5), 17th (G5), 18th (A5), 19th (B5), and 20th (C6).