

# Viola Harmonics

Natural Harmonics

Gretchen

8<sup>va</sup>

Sounds

same note octave octave+5th 2 octaves

C string

Notated

5

Sounds

1/2 string 1/3 string 1/4 string 1/5 string

A string

Notated

9

Sounds

D string

Notated

13

Sounds

G string

Notated

Viola Harmonics  
Artificial Harmonics

17

Sounds

Notated

P4 between the notes

sounds up two octaves from the bottom note

This musical example shows four measures of artificial P4 harmonics in the viola. The top staff, labeled 'Sounds', shows the resulting pitch in treble clef: G4, A4, B4, and C5. The bottom staff, labeled 'Notated', shows the fingering in bass clef: G3 and A3 beamed together, then A3 and B3, then B3 and C4, and finally C4 and D4. The text 'P4 between the notes' and 'sounds up two octaves from the bottom note' explains the interval and its perceived pitch.

21

Sounds

Notated

P5 between notes

sounds up one octave from the top note

This musical example shows four measures of artificial P5 harmonics in the viola. The top staff, labeled 'Sounds', shows the resulting pitch in treble clef: A4, B4, C5, and D5. The bottom staff, labeled 'Notated', shows the fingering in bass clef: G3 and A3, then A3 and B3, then B3 and C4, and finally C4 and D4. The text 'P5 between notes' and 'sounds up one octave from the top note' explains the interval and its perceived pitch.