

# *Cello Standards: Just Intonation*

Fill in the blanks: The Just Intonation Tuning System ratio, the equivalent decimal, and the equivalent cents [e.g. 3:2 (1.5) 701.96 cents].

Perfect Unison\_\_\_\_\_ Diminished Unison\_\_\_\_\_

Augmented Unison\_\_\_\_\_

Minor Second\_\_\_\_\_ Diminished Second\_\_\_\_\_

Major Second\_\_\_\_\_ Augmented Second\_\_\_\_\_

Minor Third\_\_\_\_\_ Diminished Third\_\_\_\_\_

Major Third\_\_\_\_\_ Augmented Third\_\_\_\_\_

Perfect Fourth\_\_\_\_\_ Diminished Fourth\_\_\_\_\_

Augmented Fourth\_\_\_\_\_

Perfect Fifth\_\_\_\_\_ Diminished Fifth\_\_\_\_\_

Augmented Fifth\_\_\_\_\_

Minor Sixth\_\_\_\_\_ Diminished Sixth\_\_\_\_\_

Major Sixth\_\_\_\_\_ Augmented Sixth\_\_\_\_\_

Minor Seventh\_\_\_\_\_ Diminished Seventh\_\_\_\_\_

Major Seventh\_\_\_\_\_ Augmented Seventh\_\_\_\_\_

Perfect Octave\_\_\_\_\_ Diminished Octave\_\_\_\_\_

# *Cello Standards: Just Intonation*

Fill in the blanks: The Just Intonation Tuning System ratio, the equivalent decimal, and the equivalent cents [e.g. 3:2 (1.5) 701.96 cents].

Diminished Unison 24:25 (0.96) -70.67 cents  
Perfect Unison 1:1 (1) 0 cents  
Augmented Unison 25:24 (1.041666) 70.67 cents

Diminished Second 128:125 (1.024) 41.06 cents  
Minor Second 16:15 (1.0666) 111.73 cents

Major Second 9:8 (1.125) 203.91 cents  
Augmented Second 75:64 (1.171875) 274.58 cents

Diminished Third 144:125 (1.152) 244.97 cents  
Minor Third 6:5 (1.2) 315.64 cents

Major Third 5:4 (1.25) 386.31 cents+  
Augmented Third 125:96 (1.30208333) 425.99 cents

Diminished Fourth 32:15 (1.28) 427.37 cents  
Perfect Fourth 4:3 (1.333) 498.04 cents  
Augmented Fourth 25:18 (1.3888) 568.72 cents

Diminished Fifth 36:25 (1.44) 631.29 cents  
Perfect Fifth 3:2 (1.5) 701.96 cents  
Augmented Fifth 25:16 (1.5625) 772.63 cents

Diminished Sixth 192:125 (1.536) 743.01 cents  
Minor Sixth 8:5 (1.6) 813.69 cents

Major Sixth 5:3 (1.666) 884.36 cents  
Augmented Sixth 125:72 (1.736111) 955.03 cents

Diminished Seventh 128:75 (1.70666) 925.42 cents  
Minor Seventh 16:9 (1.777) 996.09 cents

Major Seventh 15:8 (1.875) 1088.27 cents  
Augmented Seventh 125:64 (1.953125) 1158.94 cents

Diminished Octave 48:25 (1.92) 1129.33 cents  
Perfect Octave 2:1 (2) 1200 cents