

WS 39: Overtone Series

Name _____

A. Notate the indicated overtones series through the sixteenth partial, representing the out-of-tune partials with solid noteheads.

Fundamental: B \flat 1 1st overtone: A2

1st partial: G2

B. Respond with the notated pitch.

The 5th partial of B1 is:

G5 is the 2nd overtone of:

The 3rd overtone of D3 is:

E6 is the 4th partial of:

The 4th overtone of A0 is:

F \sharp 4 is the 4th overtone of:

The 3rd partial of F \sharp 2 is:

C5 is the 5th partial of:

C. Consider the given pitches as fundamental tones. Notate the lowest overtone they have in common.

D. Notate the fewest tones required to set this chord in vibration.