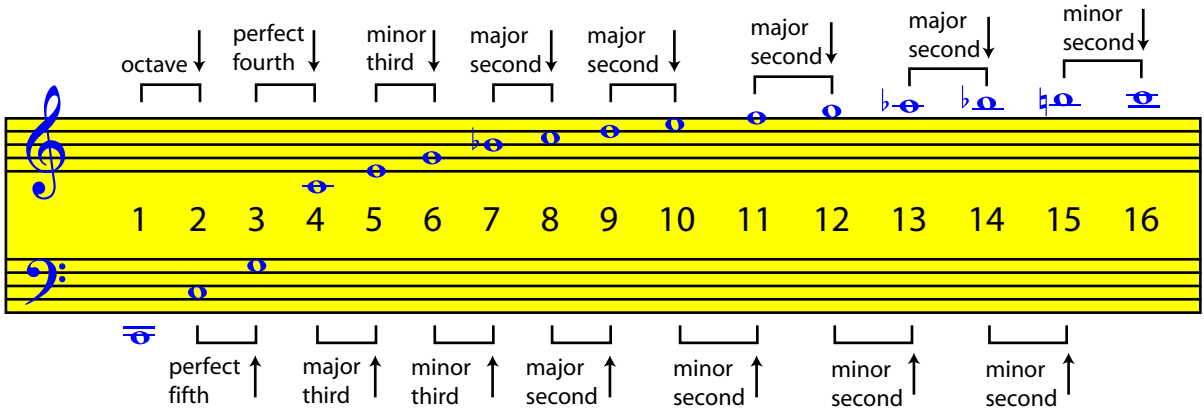


# OVERTONE SERIES



When we sing a pitch, several higher frequencies are sounding along with the main pitch, which we call the fundamental. These higher frequencies are called overtones.

A harmonic is a type of overtone. All resonant frequencies above the fundamental are overtones, but only the ones that are integer multiples of the fundamental are harmonics.

- **Overtone:** any resonant frequency above the fundamental frequency.
- **Harmonic:** resonant frequency that is an integer multiple of the fundamental frequency.

So harmonics, because they are multiples of the fundamental, sound musical to us. Overtones that are not harmonics sound like noise to us.

For more information about the singing voice, please visit us at [www.singlikeastar.com](http://www.singlikeastar.com)

