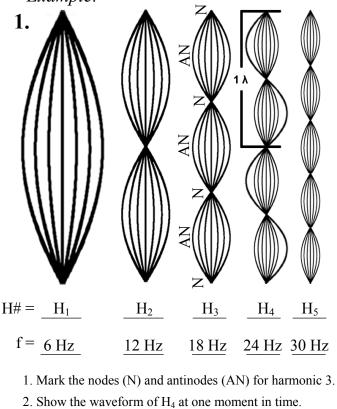
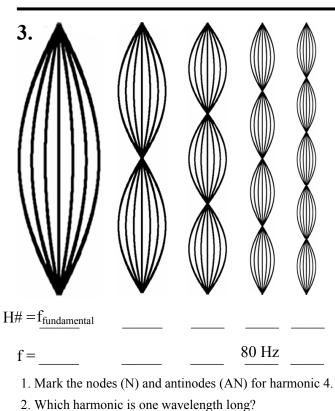
## Each set shows the harmonics for a fixed string with a particular tension and length. Harmonics Frequencies

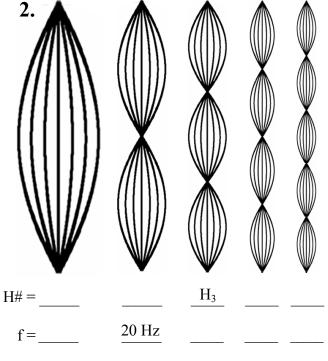




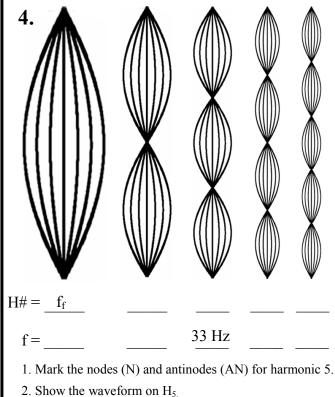
3. Mark one wavelength of H<sub>4</sub>. (*Notice that 2 AN* = 1  $\lambda$ )



3. Which harmonic is also called the fundamental?



- 1. Mark the nodes (N) and antinodes (AN) for harmonic 2.
- 2. Show the waveform of  $H_3$  at one moment in time.
- 3. Mark one wavelength of  $H_3$ .



Mark one wavelength of H<sub>5</sub>.

Note: the fundamental frequency is also known as the natural frequency.

