

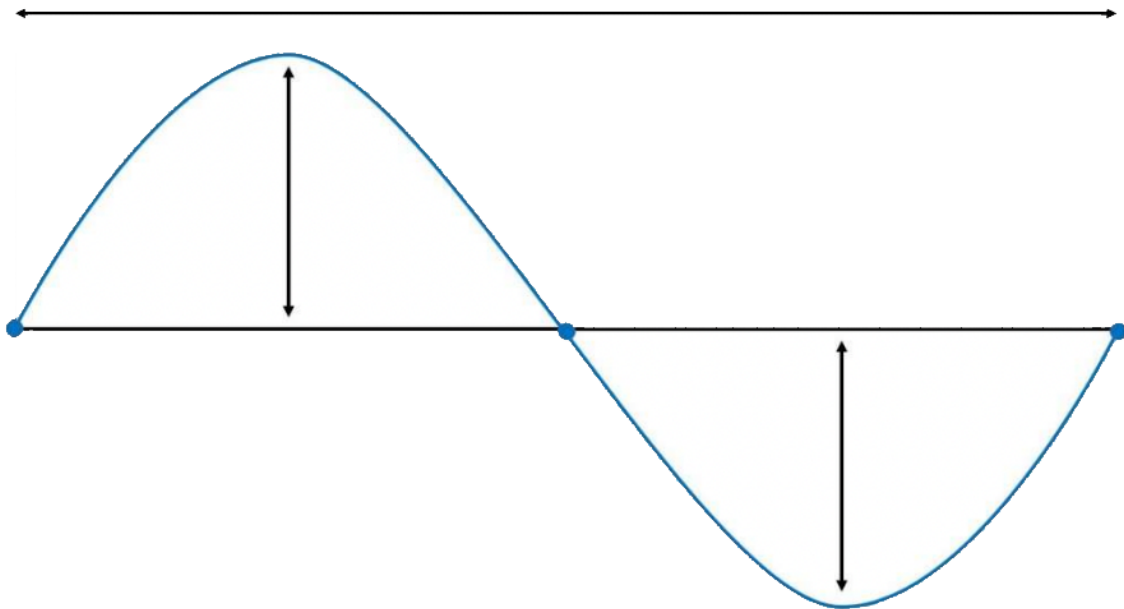
Name: _____

The History & Theory of **MUSIC**

Sound Waves

Label the parts of a sound wave in the diagram below. (8 points)

Word Bank: wavelength, node, amplitude, crest, trough



In physics, what term describes the number of repeated cycles per second?

- a) frequency
- b) period
- c) amplitude
- d) equilibrium

In physics, what term describes the amount of time it takes to complete a cycle?

- a) frequency
- b) period
- c) amplitude
- d) equilibrium

Which musical term corresponds to *wavelength*?

- a) rhythm
- b) volume
- c) pitch
- d) meter

Which musical term corresponds to *amplitude*?

- a) rhythm
- b) volume
- c) pitch
- d) meter