

Name Key Hour _____

Bucket questions for Waves:

The unit for frequency Hz

The unit of period sec

A transfer of energy from one point to another with no transfer of mass. wave

The unit of wavelength m

The material through which a wave travels medium

A wave whose particles vibrate parallel to the direction of the wave. transverse

A wave in which the particles vibrate perpendicular to the direction of the wave. longitudinal

High point of a transverse wave crest

The low point of a transverse wave trough

Distance from 1 part of a wave until it repeats wavelength

Measurement of the height of a transverse wave amplitude

The number of waves per second frequency

The higher the frequency the higher the pitch.

The time it takes for 1 wavelength to pass period

Part of a standing wave where the maximum vibrations occur. antinode

Place with very little movement in a standing wave node

The area of greater concentration in a longitudinal wave. compression

Area of lesser concentration in a longitudinal wave rarefaction

FM stands for frequency modulation

The units of FM radio stations MHz

AM stands for amplitude modulation

The units of AM radio stations KHz