Name: _____

Period:_____

HW—HME— Harmonic Motion Equations
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If a pendulum's period is 4 seconds, find its frequency.

Find the speed of a wave with frequency of 10 Hz and wavelength of 25 m.

The fundamental frequency is 30 Hz. Find the 5th harmonic's frequency.

If a wave's frequency is 2 Hz, find period.

Question on back

A sound is heard 2 seconds after you see something moved. How far away was it?

A sound changes from 55 dB to 75 dB. How much of a change do we hear?