Name: _____

Period:_____

HW—11-15 Rev — Harmonic Motion and Light Review
Mr. Murray, IPC
www.aisd.net/smurray

Assigned: Fri., 5/14/04
Due: Tues., 5/18/04

If a pendulum's period is 0.5 seconds, find its frequency.

Find the speed of a wave with frequency of 6 Hz and wavelength of 10 m.

A sound is heard 4 seconds after you see something moved. How far away was it?

If a wave's frequency is 5 Hz, find period.

The 6th harmonic frequency is 36 Hz. Find the 5th harmonic's frequency.

Make red from CMYK

Make Black from RGB

Make Magenta from RGB

Question on back

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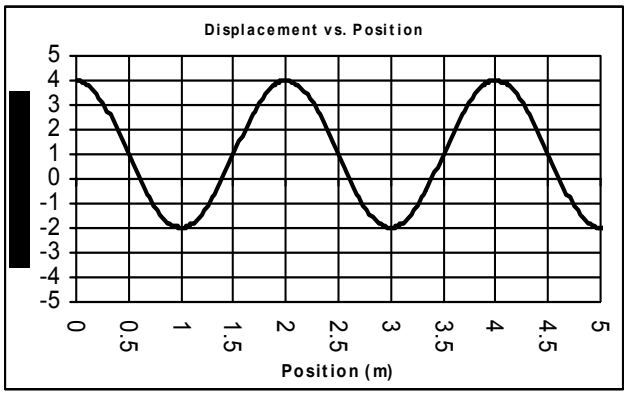
HW 11-15:R



Mark the crests and troughs.
Mark 1 wavelength

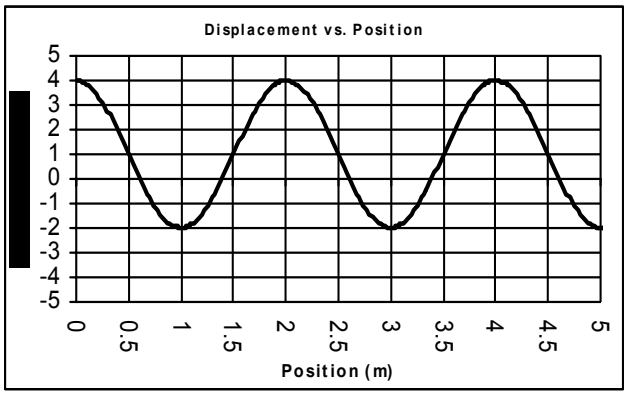
What is the wavelength:

What is the amplitude:

How many total wavelengths is the graph?

Amplitude is:

HW 11-15:R



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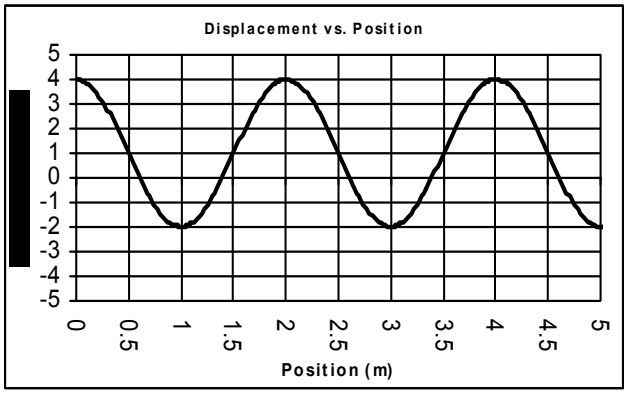

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