Name: _____

Period:_____

HW—6-9:AT — Guided Reading Harmonic Motion
Mr. Murray, IPC
www.aisd.net/smurray

Assigned: Wed., 3/13/04
Due: Fri., 3/15/04

1. The part of harmonic motion that is repeated we call its:
2. The an amount of time that it takes for one cycle is called its:
3. Give an example of harmonic motion:
4. If it takes 4 seconds to go around twice, what is the wheel's period?
5. The number of cycles per second we call:
6. Write the equation for period here:
7. If a wave has a frequency of 2 Hz, what is its period?
8. The distance away from an oscillator's center position we call its:
9. If a wave goes up to 10 cm and down to –10 cm, what is its amplitude (with units)?

Question on back

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Question on back

A wave has wavelength of 2 meters and a frequency of 20 Hz. Find the speed of the wave.

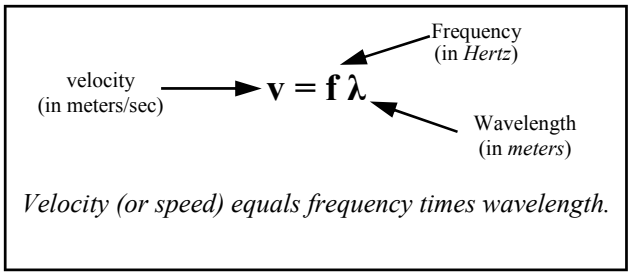
Frequency:

Wavelength:

Equation:

Put numbers in:

Solution:



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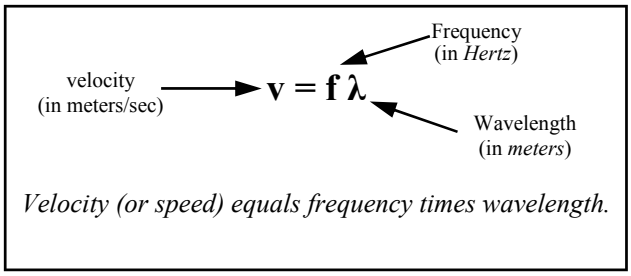

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