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Period:_____

HW FR:3 — Final Review 3
Mr. Murray, IPC
www.aisd.net/smurray

Assigned: Mon., 5/24/04
Due: Wedn., 5/26/04

A race car *slows down* from 120 m/s in 6 seconds. Find acceleration.

A 3 amp current runs through a 4 Ω resistor. What is the voltage drop of the resistor?

If you change planets what changes weight or mass?

Why?

25 N pulls to the left and friction is 15 N. Find the net force.

If there is a 2 kg object involved, find its acceleration.

Questions on back

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Find its period: _____

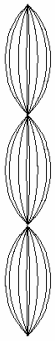
What harmonic is this? _____

Mark the nodes and anti-nodes.
Mark one wavelength (both ends).
Can we hear it? _____

Find the fundamental frequency: _____

4th harmonic frequency: _____

How many wavelengths is this? _____



36 Hz

What is the speed of a 25 m wave that has a frequency of 3 Hz?

Study Hard!!

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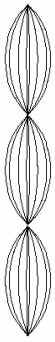

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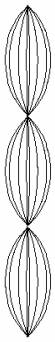

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