PHYS-1070(20) (Kaldon-20421) **Name** _____ **1070**

WMU - Summer-I 2007

Topic 2 / Worksheet 1 – 25,000 points

Rev. 05/24/07

See website for additional comments.

Data Sheet

(Assigned: 25 May 2007 • Due: Friday 22 June 2007)

I. You or someone you know is likely to do some driving over Memorial Day. *If you do not have a car, or it isn't running, etc., then team up with someone else in the class and share data. Do your own calculations.*

Taking data **DOES NOT** involve doing anything **WHILE YOU ARE DRIVING**. ***Safety First!***

☐ This is my car. ☐ This is not my car; it is _____ car.

Year / Make / Model of car: _____

1.) Look up in Owner's Manual, On the Web, or Ask Dr. Phil:

WEIGHT OF CAR (in pounds): _____

HORSEPOWER OF CAR: _____

2.) To go from 0 mph to _____ mph took _____ seconds.

3.) Odometer reading at start of trip: _____ **Time:** _____

Odometer reading at end of trip: _____ **Time:** _____

4.) Odometer reading at FIRST fill of gas tank: _____

Odometer reading at SECOND fill of gas tank: _____

Number of gallons of gas (or diesel) pumped at SECOND fill: _____

Approximate number of minutes DRIVING between fills: _____

(this will require a log on back of this sheet)

NOTE: The trip in (3) and the tank of gas in (4) do NOT have to be the same trip.

DO NOT WRITE ANY DATA ON THIS SHEET WHILE DRIVING IF YOU ARE THE DRIVER!

NOTE: This is the first of four worksheets that comprise Topic 2, also known as "The Blue Sheets". We are handing this out early, so you can collect data whenever you wish. All of the worksheets will be handed in together at one time on our Last Class, Friday 20 April 2007..