PHYS-1070(21) (Kaldon-20421) **Name** _____ **1070**
WMU - Fall 2008
Topic 2 / Worksheet 1 – 25,000 points Section: 21a A to C 21b D to G 21c H to K 21d L to M 21e N to R 21f S to Z Rev. 11/06/08
See website for additional comments.

Data Sheet

(Assigned: 7 November 2008 • Due: Wednesday 3 December 2008)

I. You or someone you know is likely to do some driving over Thanksgiving. *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)

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 December 3rd.