

Name \_\_\_\_\_  
SI Physics  
Period \_\_\_\_\_

Date \_\_\_\_\_  
Measure & Math WS #1H  
Mrs. Nadworny

Due Date \_\_\_\_\_

(20 pts)

## Intro to Physics

*This is your first true homework assignment of the year. In order to start yourself off on the right track please do the following in your assignment:*

- Include a proper heading with assignment number (see above).
- Type the assignment in a clear and easy to read font.
- Use full and complete English sentences.
- Staple any loose pages together. (Do not staple this page to your assignment)

### Part 1

- Provide at least one definition of “honors” in reference to academics. Cite your source(s).
- List the qualities that a student should possess in order to excel in an Honors level course.
- Provide a statement of the qualities and characteristics you possess that will help you succeed in this Honors level course.
- Write a short summary about your grades and achievements in your past science honors courses as well as your mathematics classes.
  - If your final average was not Mastery Level (85% or higher), elaborate on the reasons why and explain how you plan to perform at a higher level in this course.

### Part 2

- Go to the online physics textbook at <http://my.hrw.com>. Logon using the username and password given in class. Select ‘Ch 1: The Science of Physics’ from the first drop down menu and ‘Sec 1: What is Physics?’ from the second drop down menu. Read pages 4 – 5 and write two or three sentences on the topics you find most interesting and explain why. Extra research may be required.

### Part 3

- Go on the internet and check out the following webpages.
  - <http://www.physics.org/careers.asp?contentid=381>
  - <http://work.chron.com/careers-involving-physics-2809.html>
  - <http://www.topuniversities.com/student-info/careers-advice/what-can-you-do-physics-degree>
  - <http://www.physics.purdue.edu/career/>

### Part 4

- Make a numbered list of 35 professions involving backgrounds in physics.

### Part 5

- Go to <http://www.p12.nysed.gov/assessment/reftable/physics-rt/physics06tbl.pdf> and print the Physics Reference Tables. Staple the pages together. Write your name on top. Bring them to class daily.

### Part 6

- E-mail me at [denise.nadworny@northport.k12.ny.us](mailto:denise.nadworny@northport.k12.ny.us) to let me know if you are able to download and print the worksheets from the Measurements & Mathematics section of the Honors Homework page.
  - Put your name & period in the subject line.
  - In the body of the e-mail report whether you were successful or not. Sign your name in the e-mail as well.