**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Scaling the Planets Excel Lab**

1. **Go to class website to open up excel spreadsheet (**[**www.mspricescience.weebly.com**](http://www.mspricescience.weebly.com)**)**
2. **Go to following link after opening up excel spreadsheet:** [**http://www.enchantedlearning.com/subjects/astronomy/planets/**](http://www.enchantedlearning.com/subjects/astronomy/planets/)
3. **Enter the data on the table for mean distance from the sun & equatorial distance**
   1. **Be sure to use millions of km for mean distance**
   2. **Be sure to use km for diameter**
4. **When finished entering in data, click on the scale models tab on the bottom of the worksheet.**
5. **Call over Ms. Price to check work Ms. Price Initials \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Questions**

1. **Which planet is the largest? The smallest? (don’t include Pluto)**
2. **If the biggest difference between the Jovian and Terrestrial planets is size, does Pluto fit as a Jovian planet?**
3. **How far away is Mercury from the sun?**
4. **How far away is Neptune from the sun?**
5. **Why is the measurement mean distance from the sun? (Does it ever change? Why or Why not?)**
6. **Tell me at least 3 things this lab has showed you about the relative size of planets, distance from sun, and the solar system.**