

Name

Date

Period

8th Grade Science Metric Conversion Practice/Homework

- 1) What is the pneumonic device (hint...What King Henry Does) for remembering the metric system? Please write out the sentence neatly below.

- 2) Please draw the bands on the metric continuum line (just like we did during lecture) and identify each band in the metric system (use a straight edge for neatness).

- 3)** Using your tools (the pneumonic device you wrote above and your metric system band), please answer the following questions. **Show your work!**
 - a) How many grams are in one kilogram?

 - b) How many grams is 1,000 mg equal to?

 - c) How many liters are in one decaliter?

 - d) What unit would be equal to 1/100 of a meter?

 - e) How many deciliters are in one liter?

 - f) How many centigrams are in one gram?

 - g) How many millimeters are in one centimeter?

 - h) What unit would be equal to 1/10 of a gram?