PHYS 102   Spread Sheet & Graphing   Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
Lab partner:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*B. Tabulation of data and Calculating values for new variables:*

Copy and paste your data table for B here.

*C. Calculating values for new variables: Volume and Density*

Copy and paste your data table for C here.

*D. Graphing Data*

1. From the displayed equation you can obtain the temperature conversion equation for Tf.   
        Write down it here:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Insert your graph here.

2. From the displayed equation you can obtain the temperature conversion equation for Tc.   
        Write down it here:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Insert your graph here.

*E. Graphing Data: More than one set*

1. Obtain the densities of the metals from the slopes and record them below. Include the units.  
    Density of metal I = \_\_\_\_\_\_\_\_\_\_\_\_\_ Density of metal II = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Copy and paste your graph here.

*F.* [*Discovering Pi*:](file:///G:\PHYS%20102%20A2011\Discover%20Pi%20Pasco%20Manual.pdf)   
Copy and paste your data table and graph for Discovering Pi here.