

Data Analysis

Graph the 6 quantitative properties of the elements as a function of the elements' atomic numbers. Remember to number each graph, give it a descriptive title, and label the axes.

Conclusions

1. Which element properties are periodic? How did you know?
2. Which element properties are not periodic? How did you know?
3. What are the trends for the periodic properties as you move across periods and down groups of elements on the periodic table? Write increasing or decreasing above each arrow below to show how the property changes.

