

General Chemistry
Mr. MacGillivray
Quiz #12:
Periodic Trends

1. The first periodic table was developed by _____. He arranged the periodic table according to increasing atomic _____.
2. The modern periodic table is now arranged in order of increasing atomic _____. _____ was the scientist whose discoveries made this rearrangement possible.

The next two questions refer to the following elements:

He Xe Kr Ar Ne

3. Are these elements in the same period, the same group, or neither?
4. Arrange them in order of increasing atomic radius:

The next two questions refer to the following elements:

Ar Na Al S Cl

5. Are these elements in the same period, the same group, or neither?
6. Arrange these elements in order of increasing electronegativity: