Honors Chemistry Hour\_\_\_\_\_ Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
Dr. Wexler
What Underlies Periodic Trends?
Date:

1. What is the most fundamental principle underlying the behavior of electrons and atoms?
2. What is the type of force that determines the physical (and therefore chemical) properties of all atoms, which depend on how strongly electrons are held by the nucleus.
3. What are three factors that act together to determine the electronegativity value for an element?

A.

B.

C.