**Honors – Periodic Trends Quiz**

1. Explain why electronegativity increases as you move left to right across a period. (5 pt)
2. Define the following terms (3 pt each):

* shielding effect:
* octet rule:
* atomic radius
* ionization energy

1. Explain why the atomic radius of bromine is much smaller than that of calcium. (6 pt):
2. Explain why lithium has a much higher second ionization energy than boron (5 pt).