

Name: \_\_\_\_\_

Period: \_\_\_\_\_

# Periodic Table

Fill in the blank.

1. Which element would have the highest electron affinity?  
**Fluorine**
2. What element is at period 3, group 8A? **Argon**
3. Which element would have the smallest atomic radius?  
**Helium**
4. Which element would have the highest ionization energy?  
**Helium**
5. Two Characteristics of Non-metals are **not good conductors of heat or electricity, not malleable, etc.**
6. Two characteristics of Metals are **malleable, ductile, good conductors of heat and electricity**
7. Elements that have the properties of both metal and non-metals are **metalloids**
8. What do elements in the same group have the same number of? **Valence electrons**
9. How many valence electrons does Bromine have? **7**
10. The atomic number tells you how many **protons (and electrons if neutral)** there are in an atom.