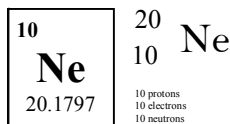


CHEMISTRY HOMEWORK SHEET

NAME _____



Match the correct vocabulary term to each numbered statement. Write the letter of the correct term on the line.

REPRESENTATIVE ELEMENTS
ALKALI METALS
INNER TRANSITION METALS
TRANSITION METAL
ANION

ELECTRONEGATIVITY
IONIZATION ENERGY
NONMETALS
HALOGENS
ION

ATOMIC RADIUS
NOBLE GASES
METALS
GROUP 2A
CATION

1. Metals having only 1 electron in the highest occupied energy level. _____
2. Highest occupied s sublevel and nearby f sublevel have electrons. _____
3. An atom or group of atoms that has a positive charge. _____
4. Energy required to remove an electron from an atom. _____
5. Good conductors of heat and electric current. _____
6. Group 7A elements. _____
7. Increases for atoms from left to right across a period. _____

Among the following pairs of atoms, identify the larger of the two, the one with the greater first ionization energy (potential), and the one with the lower electronegativity.

ATOM	LARGER	GREATER IONIZATION ENERGY	LOWER ELECTRO- NEGATIVITY
Lithium & Rubidium			
Carbon & Nitrogen			
Magnesium & Beryllium			
Selenium & Sulfur			
Chlorine & Iodine			
Rubidium & Francium			
Aluminum & Sulfur			