Review Problems Units 1-6

1. What is the % comp of H in Hydro Bromic Acid?
2. Convert 11.5 L of Nitrogen gas to moles.
3. Convert 1.5 g of Indium Selenide to moles.
4. If 25 ml of a .259 M Scandium (II) Phosphate reacted with .25 L of Iodine gas, what is the limiting reactant?
5. What is the %comp of N in barium Nitrate?
6. Convert 12.5 ml of a 8.5 M Sulfuric acid to moles.
7. If 45 ml of Calcium Hydroxide reacted with 47.998 ml of a 2.5 M Acetic acid to neutralize, what is the Molarity of the base?
8. What is the % comp of Dy in Dy2SO4?
9. Convert .5 L of Flourine gas to moles.
10. Convert 11.5 g of BaCON to moles.
11. If 5 ml of a 1.6. M Hafnium (IV) Telluidereacted with .25 L of Nitrogen gas, what is the limiting reactant?
12. If 5 ml of Iron (III) Hydroxide reacted with 10.00998 ml of a 3.5 M Sulfuric acid to neutralize, what is the Molarity of the base?