Unit 3 Review Problems I

Write the formulas for the following reactants and do an ion exchange to predict the rest of the balanced equation.

1. Ammonium Hydroxide + Magnesium🡪
2. Sodium Chloride + Copper (II) Sulfate🡪
3. Gallium Carbonate + Strontium Phosphate 🡪
4. Barium Acetate + Oxygen🡪
5. Thallium Telluride + Radium Phosphide🡪
6. Cesium Astatide + Hydrogen🡪
7. Gallium Nitrate + Aluminum Sulfate 🡪
8. Manganese (III) Arsenide + Ammonium Sulfate🡪

Percent comp. Problems.

\*\* Be sure to write the formulas (when you need to) of the compounds before you calculate the % comp.

1. Calculate the percent composition of oxygen in H3O.
2. Calculate the percent of aluminum in aluminum Sulfide.
3. Calculate the percent comp. Of Iron in Iron (III) sulfate.
4. Calculate the percent comp. Of Osmium in Osmium(III) oxide.
5. Calculate the percent comp. Of Boron in Pent boron tetra oxide.
6. Calculate the percent comp. Of Lathanum in Lathanum (I) astatide.