1. Write a balanced chemical equation for when chlorine and sodium iodide react to produce sodium chloride and iodine.
2. What is a limiting reactant?
3. What is percent yield?

742.01g of yttrium astatide reacts with 1240.77g of praseodymium telluride in a double replacement reaction.

4. Write a balanced equation.

5. What is the limiting reactant?

6. What is the mass of the remaining excess reactant?

7. What is the mass of Yttrium Telluride produced?

8. What is the mass of Praseodymium Astatide produced?

9. Calculate the percent yield if 270.11g of Yttrium Telluride are produced in an experiment.

10. Calculate the percent error.