Stoichiometry practice for seminar

How many grams of solid will be produced if 3.5 g of magnesium chloride and 3.5 g of silver nitrate react?

1. What is the formula for magnesium chloride?
2. What is the formula for silver nitrate?
3. What is the molar mass of #1? Show your math and unit.
4. What is the molar mass of #2? Show your math and unit.
5. What is the state of matter for #1?
6. What is the state of matter for #2?
7. What type of reaction is this reaction?
8. Why?
9. Give the Balanced equation for the reaction.
10. Which of the products is the precipitate?
11. Why?
12. Give the Complete Ionic Equation showing all states of matter and all coefficients.
13. Give the Net Ionic Equation showing all states of matter and all coefficients.
14. Show your math to determine the limiting reactant.
15. What is the limiting reactant?
16. Why?
17. What is the amount of solid that is produced?