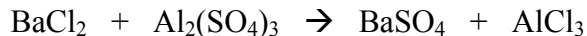


Student Name: _____ Pd. _____ Date: _____

Stoichiometry Exercises 1

Balance the following equation before answering the questions below.



1. How many moles of barium chloride will it take to produce 2 moles of aluminum chloride?
2. How many grams of barium sulfate can be produced from 15 moles of barium chloride?
3. If 72.3 grams of barium chloride react with excess aluminum sulfate, how many moles of barium sulfate can be formed?
4. How many moles of barium chloride are needed to produce 105.8 grams of aluminum chloride?
5. How much aluminum sulfate is required to completely react with 7.6 grams of barium chloride?