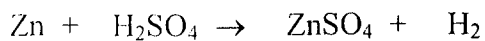
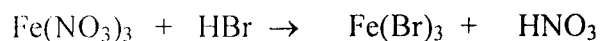


Mole problems:

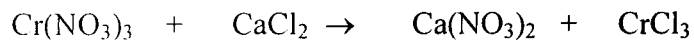
1. 10 grams of zinc react with an excess H_2SO_4 to yield how many grams of zinc sulfate?



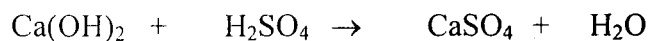
2. 17.8 grams of nitric acid are produced by how many grams of iron (III) nitrate?



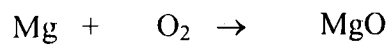
3. 85.5 grams of calcium chloride will produce how many grams of chromium (III) chloride?



4. Determine the amount of calcium hydroxide needed to react completely with 100 grams of sulfuric acid.



5. Determine the amount of magnesium oxide produced from 15 grams of Mg burning with oxygen.



6. 100 grams of aluminum iodide reacts with an excess amount of nitric acid to produce how many grams of aluminum nitrate?

