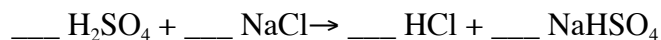


Name _____ Period _____

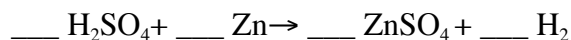
More Roadmap Problems

Perform the following conversions. Show all of your work. You must use dimensional analysis. Using units and significant figures count!

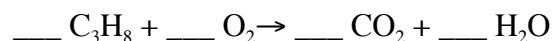
1) According to the equation below how many moles of HCl can be formed by 5.00 moles of H₂SO₄?



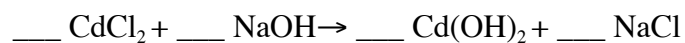
2) In the reaction below how many moles of H₂ can be formed by 3.00 moles of Zn?



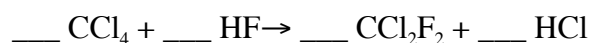
3) In the following reaction how many grams of water form from 10.00 g of O₂?



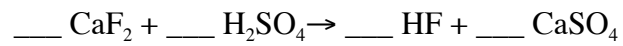
4) How many grams of NaCl can form from 75.00 g of CdCl₂?



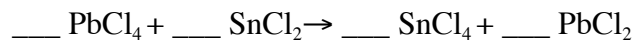
5) How many grams of CCl₂F₂ are needed to form 100.0 g of HF?



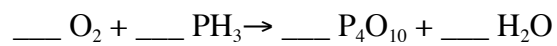
6) How many grams of CaF_2 are needed to make 5.00 g of CaSO_4 ?



7) How many grams of PbCl_2 form from 500. g of PbCl_4 ?



8) How many grams of PH_3 are needed to make 1.00 g of P_4O_{10} ?



9) How many grams of CO_2 are formed when 100.0 g of H_2O are formed?



10) How many grams of NH_3 are needed to completely react with 25.0 g of NO ?

