`Name	_Period	Date	Code#
Calculating Quantities in Reactions Complete each statement below by writing the corn	rect term or	phrase for quest	ion 1-8.
All stoichiometric calculations involving equations use	st r ons provide ass and mode	e mole ratios that les is, you must	nquias
For problems 9-13, write the letter of the choice the Consider the following problem when answering: What mass of sulfuric acid is required to neutralize reaction are potassium sulfate and water. 9. What should you do first after reading the problem carefully? a. Estimate the answer. b. Calculate the molar mass of sulfuric acid. c. Write a balanced chemical equation. d. Convert all masses to moles. 10. What should you do before setting up the problem? a. Determine the densities. b. Calculate molar masses. c. Convert all masses to moles. d. Estimate the answer. 11. How should you check your setup? a. by recalculating molar masses b. by checking to see if the result will have the correct units(dimensional analysis) c. by estimating the answer	2.65 g of p	12. What sho a. the result of a. all data value c. only the fina d. nothing 13. Which of elp you verify the a. estimating the numbers b. determining reasonable for problem c. rechecking a	cide? The products of the buld you round off? each step es I answer If the following is least likely e final result? e answer by using rounded whether the answer is or the conditions of the

As extra practice you can try balancing the equations on the next problems. Just re-write the equation without the coefficients and re-balance.