NAME:					

STOICHIOMETRY WORKSHEET: Percentage Yield

Solve the following stoichiometry problems and write the correct answer with units. Round the number to 1 decimal point and remember you need to have balanced equations to work with.

1.		alculate the indicated quanti Theoretical yield= 20 g ANSWER:	Actual yield= 15 g	1770					
	b.	Theoretical yield= 1.5 g ANSWER:		Percentage yield= 90%					
	C.	Theoretical yield= 5 g ANSWER:		Percentage yield= X					
2.		talyst.	rough the reaction o	f CO and H2 in the presence of a					
If 7	'5 g	g of CO react to produce 68.4 ANSWER:		ne percentage yield of CH₃OH?					
 Aluminum reacts with excess Copper (II) Sulfate according to the reaction given below. If 1.85 g ot Al react, and the percentage yield of Cu is 56.6%, what mass of Cu is produced? 2 Al + 3 CuSO₄ → Al₂(SO₄)₃ + 3Cu 									
		ANSWER:							
4.		llowing reaction:	red by roasting limes → CaO + CO ₂	tone, CaCO3, according to the					
		hen 200 g of CaCO3 are hea ercentage yield?	ted, the actual yield	of CaO is 105 g. What is the					
		ANSWER:							