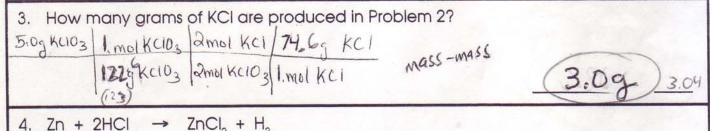
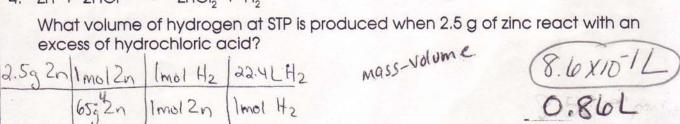
STOICHIOMETRY: MIXED PROBLEMS

Name KE

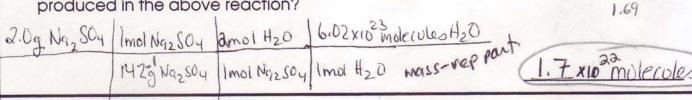
$1. N_2 + 3H_2 \rightarrow 2NH_3$		
What volume of NH3 at STP is produced if 25.0 of H2? 25.0g N2 Imol N2 2mol NH3 (22:4L) NH3 28g N2 ImoleN2 2mol NH3	g of N ₂ is reacted wass-volume	With an excess 4.00×10 ¹ L 40.0 L

2. $2KCIO_3 \rightarrow 2KCI + 3O_2$	
	bosed, what volume of O ₂ is produced at STP?
5.09 Kc103 2001 KC103 3mol	02 (2244)02 2016 mass-volume
122.69 KC 103 2mol F	KC103 mol 02 (1.42) 1,37





produced in the above reaction?



					The same of the sa			
6.	2AICI ₃	→ 2	AI +	3Cl ₂				
	If 10.0 g			m chloride are d	decomposed, h	now many mo	olecules of Cl ₂	2
10.0		1 mol	AIC13	3mol Clz	(6.02×10 ²³)	nolecules C/2	6.76	
		1335 A	1013	2mol AlCi3	Imol Cla	Mass- work	× 10°	molecules