EXP. NUMBER EXPERIMENT/SUBJECT			i enega-a-comunication game	DATE		
NAME Cycles of Copper	LAB PARTNER			LOCKER/DESK NO.	COU	RSE & SECTION NO.
	Alternation of			Location and the	ch	em 1A03
Pre-Lab Questions E. (See Observations Table) 2. Cu(s) + 4HNCsiaa) → 2NO2ig) + 2 H2O(e) Cu(NO3)2iaa) + 2NACH→ Cu(is) + + H2O(i) n. Cu = mcu	+ CU(NO3)2109	mi of	Chemic Guali Cuss + + 2 Hz - Adde mme green completinguid.	ental cu = al Equation tative Obsert tHNO3 (u) > 21 Cie) d nitric acid diatriy and sh-bigg colou rely leaving Abrown 385	rvalionozy)	eaction ons reaction repper fizzied ion turned a per dissolved
63.559/mel = 1	M(40 .095gæ 9.55g/mil	2	-Added	solution and al	119	turned light few seconds, q 1. Litmus paper trong, fernadren at plate
7. Yield = n theoretical $= \frac{nfcy}{nccy} \times 100\%$ $= \frac{0.01376 \text{ mol } \times 100\%}{0.01676 \text{ mol}}$	THE ADMINISTRATION OF THE PROPERTY OF THE ADMINISTRATION OF THE AD	3	whill turned stirre forming while	d A black peng on the bo	hot problems to be recipiled as a second a	ack while bring
= \$2.10%. Sthe percer of this piece \$2.10%.	655 1 5	Lf	After	adding sulf lution furn respilate dis	uric a ed a solved	4144) + H2O11) rid and stirring, light blue and I completely we solution.
to synthesize several copper compound from elemental copper and later reconting original copper to compare its in mass to its final mass. Also, to introperforming simple chemical reaction to the experiments.	recover is initial	5	After the zir the be while the liqu	adding zinc ic fizzed and a har the li	gas wayld in a control of the contro	r Zn Soy 10 a). silver in colour) tos produced in became cloudy id. Eventually uc disappeared that was n bollom.
Procedure Please refer to 2011-2012 IA IAA3 Lab Manual for Detailed of "Cycles of copper"	3	6	-AFRY	- 2HCliae) -> Z adding HCl ar ed gas bega oper roloured bottom of	nd wa n to s	ter, a yellow how and lon remained
SIGNATURE	ATE	WITNESS/1	ГА			DATE
THE HAVDEN MANELL STUDENT LAD NOTEDOOK				NOTE: INSERT DIVIDE	R LINDER C	OPY SHEET BEFORE WRITING