Gen Chem I (CHM 201) Fall 18 Dr. Hahn MWF 8 am Quiz III form A 9/28 F Exam #				
Name Name Name				
Sign				
Please show work on all questions for full credit & partial credit. (20 total pts)				
1. Name the following (4 pts) Nos Nos Nos Nos Nos Nos Nos N				
2. For the following, write out the formula for the neutral compound. Explain or show work for charges on elements and how you came up with the formula. (6 pts) Al & S Grap (A 6-8=-2 Al +3 5-2 A				
3. (a) Given the formula shown, what is the molar mass (molecular weight, formula mass, etc). Show work. (5 pts) β_{Q} 2pt Q 2pt Q 1pt Q 1pt Q 1pt Q 1pt Q 2pt				
math $-\frac{1}{2}pt$				
(b) How many molecules is 14.5 grams of the Ba(OH) ₂ ? (Avogadro's number = 6.022×10^{23}) (5 pts) $2pt$ $14.5 g \times \frac{1}{171.35 g} \times \frac{1}{171.35 g} \times \frac{1}{180} \times \frac{1}{18$				
Extra Credit: (4 pts)				
(c) How many atoms of Oxygen is in the 14.5 grams of the Ba(OH) ₂ ?				
2 atoms @ per Ba(OH)2				
2 + answer to 6 -> 1,02 × 10 23 atoms 6				
2 # answer to 6 -> 1,02 × 10 ²³ atoms 6 BA = -2) gave just 2 -3 pt attempt 1				

Gen Cl	nem I (CHM 201) Fall 18 Dr. Hah	n MWF 8 am Quiz III form	n B 9/28 F Exam #
Name	Kly	Name	
Sign		Print	Pink.
Please	show work on all questions for fo	ull credit & partial credit. (20 total pts)
1.	Name the following (4 pts)	from table 2,5)	menorize table 2,1)
CO ₃ -2	Carbonate	these memorize	menorize table 2,1 t table 2,8 element symbols
2. charge	For the following, write out the forms on elements and how you came u	ip with the formula. (6 pts)	(BA-J)
Li &	PO4-3 LIX	P043- Liz P	Ou attempt -2
21	+1 (#Li)(+1)	+ (# 804)(-3) = 1	Zero (Charge -1)
3. work. K ₂ S O	(a) Given the formula shown, w		cular weight, formula mass, etc). Show
(b) pts)	5 g k 2504 x 1 mol 174,2°	1 / 6.022 X	gadro's number = 6.022×10^{-23}) (5 10 ²³ holule $k_{25} D_{4}$ $5_{10} \times 10^{22}$
	How many atoms of Oxygen is in the following form of $4 \stackrel{?}{=} 1 \stackrel{?}{=} 1$	the 14.5 grams of the K_2 SO 4	A-2)