Chemistry 132
Prelab Assignment #1

due Wednesday January 16th at the beginning of class Preparation page

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Name: _		SB#:	
	All work is to be done individually. You can use textbooks,	notes, and resources on the internet.	

What is the formula weight and mass % Cu for each of the following? (Show work below table.)

compound	formula weight	mass % Cu
CuCO ₃		
Cu(OH) ₂ Cu(CO ₃)		
$Cu(OH)_2Cu_2(CO_3)_2$		

When 3.8044 g CuSO₄·5H₂O and 2.0503 g Na₂CO₃ were combined as described in the experimental procedure within, 1.5517 g of product was obtained. Assuming the product to be CuCO₃, what was the percent yield of the reaction? (Show work.)