Mass of empty pipet	
Mass of hydrate and pipet	
Mass after 1 st heating	
Mass after 2 nd heating	

Calculations:

1.	Using	the	data,	calculate	the	mass	of the	water	driven	of	driven
т.	USITING	uic	uata,	calculate	uie	111033	OI LIIC	watei	ulivei	1	ulivei

2. Using your answer to number 1, calculate the number of moles of water driven off.

3. Using the data, calculate the mass of the "anhydrous" salt.

4.	Using your	answer	to numbe	r 3 and	the fact	that yo	ur "anhydroเ	ıs" salt is
	copper (II)	sulfate,	calculate	the nur	nber of	moles of	f "anhydrous	" salt.

5.	Using your	answers to	numbers 2	2 and 4 ,	determine	the formula	of	the
	hydrate.							

Conclusions:

- 1. A hydrate is a crystal with _____ molecules adhering to the ions or molecules.
- 2. Define "anhydrous."
- 3. Write the formula for hydrated zinc sulfate with 7 molecules of water adhering to each formula unit of zinc sulfate.