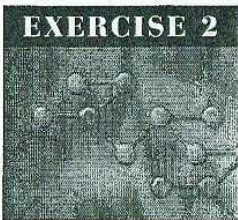


**EXERCISE 2**

NAME \_\_\_\_\_

LAB SECTION \_\_\_\_\_

DATE \_\_\_\_\_

# Report

Assigned Salt \_\_\_\_\_

Formula Weight \_\_\_\_\_

**Data and Results**

	<b>Trial 1</b>	<b>Trial 2</b>
Mass of crucible, cover and hydrated salt	_____	_____
Tared mass	_____	_____
Mass of hydrated salt	_____	_____
Mass of crucible, cover and residue after heating	_____	_____
Mass of anhydrous salt	_____	_____
Moles of anhydrous salt	_____	_____
Mass of water lost	_____	_____
Percent by mass of water in hydrate	_____	_____
Moles of water lost	_____	_____
Mole ratio of H <sub>2</sub> O to anhydrous salt	_____	_____
Probable formula for hydrate	_____	_____

Show the details of all calculations. Use extra sheets if necessary.