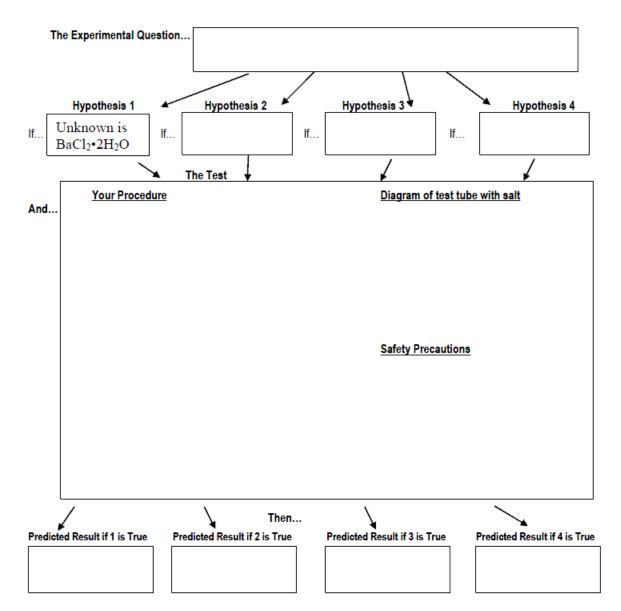
## Hydrate Investigation Design

Before you begin, you will need to design an experiment for each unknown that includes alternative hypotheses, the test, and predictions. Complete the table and flow chart below.

Hydrate	$BaCl_2 \cdot 2 H_2O$	$CuSO_4 \cdot 5 H_2O$	$CaCl_2 \cdot 2 H_2O$	$ZnSO_4 \cdot 7 H_2O$
Molar Mass of Anhydrous Salt	208.28 g	159.58 g	110.90 g	161.42 g
Molar Mass of	26.04 m			
nH <sub>2</sub> O	36.04 g			
Molar Mass of				
Hydrate Percent Water in				
the Hydrate				



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