Name: _____

Section: _____

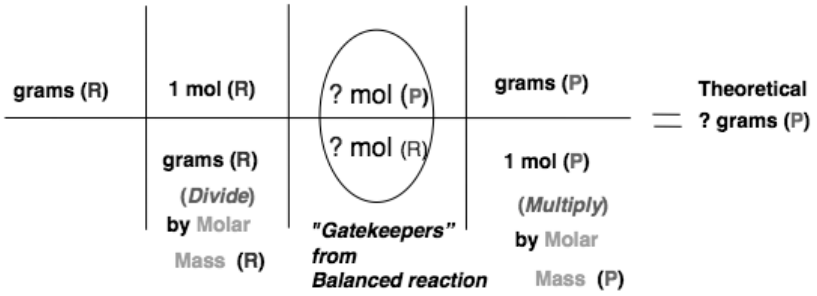
Report Form – What's My Formula

Unknown Number	
Mass, Evaporating Dish + Unknown	
Mass, Evaporating Dish	
Mass, Unknown	
Mass Evaporating Dish + Salt (Product), after heating	
Mass Evaporating Dish + Salt (Product), after 2nd heating	
Mass Salt (Product)	
% Salt (Product) Mass Salt (Product) / Mass Unknown x 100 =	
% Molar Mass Salt (Product) Closest from last week's 4 lab calculations	
Unknown Identification	

Calculations:

% Salt (Product) = Mass Salt (Product), after heating / Mass Unknown Sample x 100

Theoretical Yield:



% Yield = actual grams of Salt (Product) / "Theoretical " grams x 100

3. Calculate theoretical mass of product for

a. sodium hydrogen carbonate

Balanced Equation:	
Molar Mass ~~Unknown~~ REACTANT	Molar Mass Salt Product:
The Mass of Salt Product: THEORETICAL % =	

b. potassium hydrogen carbonate

Balanced Equation:	
Molar Mass ~~Unknown~~ REACTANT	Molar Mass Salt Product:
The Mass of Salt Product: THEORETICAL % =	

c. barium chloride dihydrate

Balanced Equation:	
Molar Mass ~~Unknown~~ REACTANT	Molar Mass Salt Product:
The Mass of Salt Product: THEORETICAL % =	

d. calcium sulfate dihydrate

Balanced Equation:	
Molar Mass ~~Unknown~~ REACTANT	Molar Mass Salt Product:
The Mass of Salt Product: THEORETICAL % =	

~~4. Percent Yield~~