

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 2 nd 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:

grams (R)	1 mol (R)	? mol (P)	grams (P)	Theoretical
		? mol (R)		= ? grams (P)
	grams (R) (Divide) by Molar Mass (R)	<i>"Gatekeepers"</i> from Balanced reaction	1 mol (P) (Multiply) by Molar Mass (P)	

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