Cornell Notes	Topic/Ol	ojective: Percent Yield	Name:	
			Class/Period: Chemistry	
AVID® Decades of College Dreams			Date:	
Essential Questions: How can you compare what you should have produced in a reaction with				
what you really obtained?				
• 41		In a		
Questions:		Notes:		
What are the				
different types of				
reactants and the				
differences between				
them?				
What are the				
different types of				
yield and the				
differences between				
them?				
		Percent Yield = $\frac{ac}{theory}$	tual yield	
		theor	retical yield	

	When potassium chromate (K_2CrO_4) is added to a solution containing 0.500	
	g sílver nítrate (AgNO3), solíd sílver chromate (Ag2CrO4) ís formed.	
	$2AgNO_3 + K_2CrO_4 \rightarrow Ag_2CrO_4 + 2KNO_3$	
	a) Determine the theoretical yield of the silver chromate	
	b) Determine the theoretical yield of the silver chromate	
Why is the percent		
yield typically less		
than 100%?		
Summary:		