Chemistry 115	Name	
Dr. Cary Willard Quiz 3A (20 points)	February 19, 2009	
, <u>,</u>	•	
All work must be shown to receive credit. Use correct significant figures.		
<ol> <li>(5 points) A barrel contains 75.0 kg of ether how many mL of ether are in the barrel?</li> </ol>	r. If the ether has a density of 0.633 g/ml,	
(5 points) An alloy used to manufacture bic How many grams of this alloy contain 65.0	•	
<ol> <li>(6 points) When a clean platinum wire is he</li> </ol>	•	
silver color to a dull red color. When the wind a lustrous silver color. Is the change that of Explain your reasoning.		
4. (4 points) Name the following compounds.		
a. C <sub>3</sub> Br <sub>6</sub>		

b. Ca<sub>3</sub>P<sub>2</sub>

Chemistry 115 Dr. Cary Willard Quiz 3B (20 points)		Name
		February 19, 2009
All work must be shown to receive credit. Use correct significant figures.		
1.	(5 points) A barrel contains 75.0 kg of ether. If the how many mL of ether are in the barrel?	ether has a density of 0.725 g/ml,
2.	(5 points) An alloy used to manufacture bicycles co	ontains 11.4% titanium by mass.
	How many grams of this alloy contain 65.0 grams	
3.	(6 points) When a clean platinum wire is heated in silver color to a dull red color. When the wire is rea lustrous silver color. Is the change that occurs a Explain your reasoning.	moved from the flame it returns to
4.	(4 points) Name the following compounds.	
	a. C <sub>4</sub> Br <sub>8</sub>	

 $b.\ Mg_3N_2$