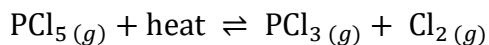


Student Name:

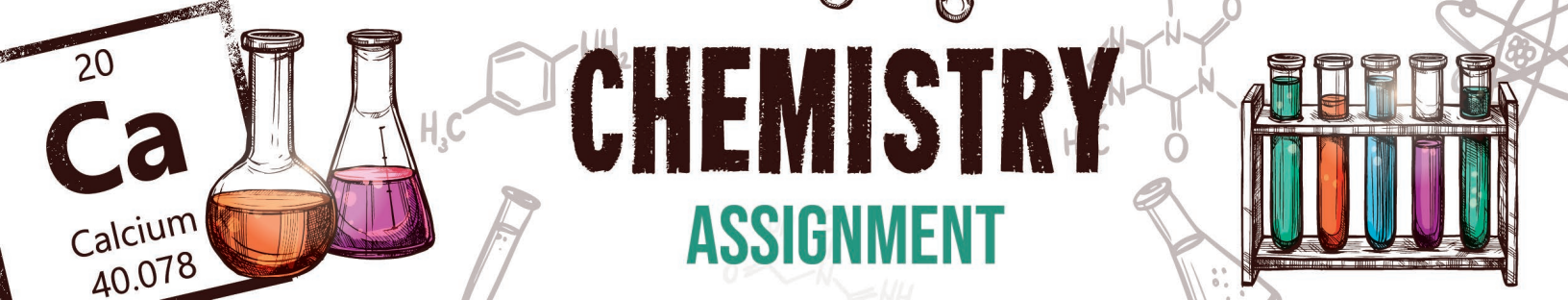
Assignment: Using Le Chatelier's Principle

1. How will the equilibrium shift if the following changes are made? State if the reaction will shift to the left or right and explain why it will shift in that direction.

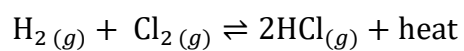


a. Temperature is increased.	
b. Pressure is increased.	
c. Cl_2 is added.	
d. PCl_3 is removed as it is formed.	

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2. How will the equilibrium shift if the following changes are made? State if the reaction will shift to the left or right and explain why it will shift in that direction.



a. Heat is removed.	
b. HCl is added.	
c. H ₂ is added.	
d. Pressure is decreased.	