During Class Invention #

Shifting Reactions B DCI

Name(s) with Lab section in Group

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Get into groups of four. Each group should have students that have either the BCE data for experiments 1, 3, 5, and 7 or experiments 2, 4, 6, and 8.

1. Write the equation for the reaction you observed in the BCE.

2. Compare the entries in Tables I and II of the BCE. Identify patterns in your data. Explain these patterns.

3. What happened to the reaction when you increased or decreased the concentration of one of the reactants or products in question 6 of the BCE?

4. Summarize your observations of Experiments #1- #8 of the BCE by completing the table below.

Experiment	Stress	Change in Reactants	Change in Products	Reaction Shift
#1				
#2				
#3				
#4				
#5				
#6				
#7				
#8				

5. Write a statement(s) that generalizes how stressing a reaction by adding or removing a reactant or product shifts the chemical reaction. Use the following terms to write a statement describing (summarizing) your observations: stress reversible reaction, concentration, shift, relieve, minimize, offset, reverse, adjust.