

Name

The Roy G Biv Clock Reaction Demonstration Worksheet

D	Discussion Questions		
	List the color changes that occurred in each of the seven beakers. Also, note the chemicals that were used in this demonstration.		
2.	Give the chemical equation for the clock reaction of formaldehyde with sulfite ions and water.		
3.	Each dry mixture contained bisulfite ions and their conjugate base, sulfite ions. What is the special name for this kind of chemical? What does it do?		
4.	Eventually, the bisulfite ions are used up in the reaction. Knowing this, how would you explain the color changes that occurred in the beakers?		