

Dry Ice Color Show Worksheet

Discussion Questions

1. Describe the physical changes observed in this demonstration, i.e., color changes, etc.
2. Identify all the chemicals used in this demonstration. What role did they serve?
3. When the dry ice was added, the solutions appeared to boil. How hot were the beakers while this was going on? How is this possible?
4. As the dry ice underwent sublimation, it let off carbon dioxide gas into the air and some CO_2 dissolved into the water. Write a balanced chemical equation showing the reaction between the carbon dioxide gas and the water.