

Acid Rain in a Bag Demonstration Worksheet

Discussion Questions

1. Draw the reaction plate used in this demonstration. Label each well with the substance it contained originally. Also note the final color in each well and any other observations.
2. Write the balanced chemical equation for the reaction between copper metal and nitric acid to produce nitrogen gas, in addition to other products.
3. Explain why the universal indicator changes from its natural green-blue to red.
4. How does this activity demonstrate the formation of acid rain?