

1. Transfer some unknown to a test tube-no more than  $\frac{1}{4}$  volume. This is your stock solution. Write observations:\_\_\_\_\_ (2)
2. Transfer 2 drops the unknown from the stock solution to another tube and add 2 drops of sodium sulfate. Observations:\_\_\_\_\_ (2)
3. Add two drops of potassium iodide solution to two drops of the unknown. Observations:\_\_\_\_\_ (2)
4. Add two drops of silver nitrate solution to two drops of the unknown. Write down any Observations:\_\_\_\_\_ (2)
5. Add two drops of sodium chloride to two drops of the unknown. Observations.\_\_\_\_\_ (2)
6. Add two drops of barium nitrate solution to two drops of the unknown. Write down any observations:\_\_\_\_\_ (2).
7. What does the test in step #2 tell you about the compound?\_\_\_\_\_ (2)
8. What does the test in step #5 tell you about the compound?\_\_\_\_\_ (2)
9. The cation is:\_\_\_\_\_ (2) Evidence\_\_\_\_\_ (2)
10. The anion is:\_\_\_\_\_ (2) Evidence\_\_\_\_\_ (2)