## Worksheet: Case Study Logic Problem

You are a chemistry student in the lab and one assignment your group has is to mix chemicals until a color change occurs. In this case, you should see a pink color. You are given four beakers of colorless liquids, labeled 1 – 4. You are given a flask labeled X, which contains the reagent (activating solution). The reagent is needed to cause the color change. How will you determine which combination of chemicals will produce the required pink color?