Cation III Quiz-Sample answers

- pH is basic or pH is acidic
- xs OH⁻ or xs NH₃
- transfer supernatant (With the ppt remaining in the test tube!)
- "What" was added to "what"
  - Ex. 1  H₂O₂ with an xs of OH⁻ was added to the sample. The supernatant was transferred.
  - Ex. 3  H⁺ was added to the ppt from step 1, the sample was heated until the ppt dissolved (as much as possible.)
  - Ex. 4  xs NH₃ was added to the supernatant in step 1. The supernatant was transferred.
  - Ex. 5 The ppt was divided in ½ and to the first half of the ppt, BiO₃ and......was added

- For the Confirmation tests:
  ex. If the supernatant is purple then the presence of Mn is confirmed as MnO₄⁻