

Cation III Quiz-Sample answers

- pH is basic or pH is acidic
- xs OH^- or xs NH_3
- transfer supernatant (With the ppt remaining in the test tube!)
- "What" was added to "what"
 - Ex. 1 H_2O_2 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 NH_3 was added to the supernatant in step 1. The supernatant was transferred .
 - Ex. 5 The ppt was divided in $\frac{1}{2}$ and to the first half of the ppt, BiO_3 and.....was added
- For the Confirmation tests:
 - ex. If the supernatant is purple then the presence of Mn is confirmed as MnO_4^-