

Chemguide – questions

TRANSITION METALS: COBALT

The flow scheme below shows some reactions of a solution of a soluble cobalt(II) salt. In each case, write the formula for the cobalt-containing complex (or other compound) for each of the cases A to G. The same complex might be present in more than one case.

If you have read the page carefully, you will be aware that in several cases there is uncertainty about the exact nature of the complexes formed. Use the simplifications on the Chemguide page.

