

- Complete the following table.

4

Formula	Systematic name
$[\text{CrCl}(\text{NH}_3)_5]\text{Cl}_2$	pentaamminechloridochromium(III) chloride
$[\text{PtBr}_2(\text{CO})_4](\text{NO}_2)_2$	dibromidotetracarbonylplatinum(IV) nitrite
$\text{K}_3[\text{CrF}_6]$	potassium hexafluoridochromate(III)
$(\text{NH}_4)_3[\text{CuF}_5(\text{OH}_2)]$	ammonium aquapentafluoridocuprate(II)

- State two chemical factors that contribute to the bioavailability of a heavy metal in the human body.

2

The solubility of the metal ion in the body and the transport properties of the ion.