

- Complete the following table. (en = ethylenediamine = $\text{NH}_2\text{CH}_2\text{CH}_2\text{NH}_2$)

Marks
3

Formula	$\text{K}_3[\text{Fe}(\text{CN})_6]$	$[\text{Cu}(\text{NH}_3)_4(\text{H}_2\text{O})_2](\text{NO}_3)_2$	<i>cis</i> - $[\text{CrCl}_2(\text{en})_2]\text{Cl}$
Oxidation state of transition metal ion			
Coordination number of transition metal ion			
Number of <i>d</i> -electrons in the transition metal ion			
Species formed upon dissolving in water			