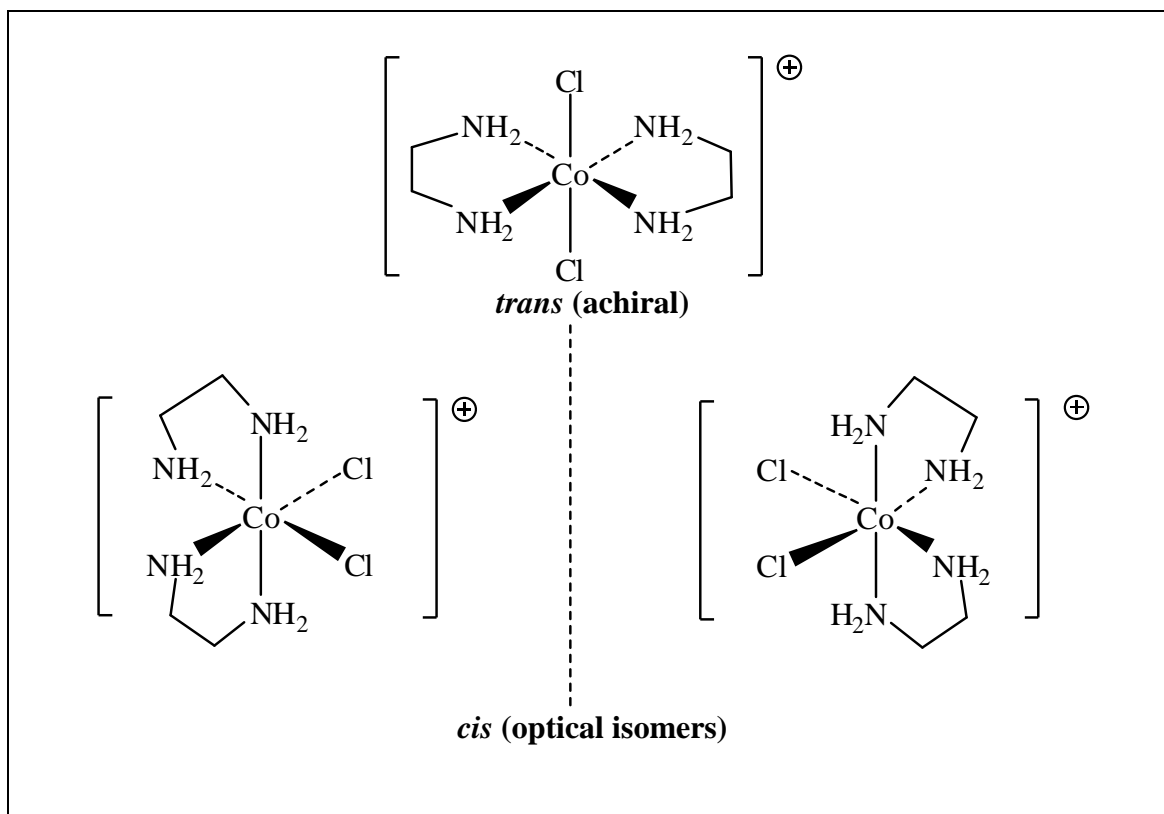


- Draw all possible stereoisomers of the complex ion  $[\text{CoCl}_2(\text{en})_2]^+$ . Label each as *cis* or *trans*. en = ethylenediamine =  $\text{NH}_2\text{CH}_2\text{CH}_2\text{NH}_2$

3



- Name the following complexes.

2



**sodium hexafluoroaluminate(III)**



**pentaamminebromidocobalt(III) sulfate**