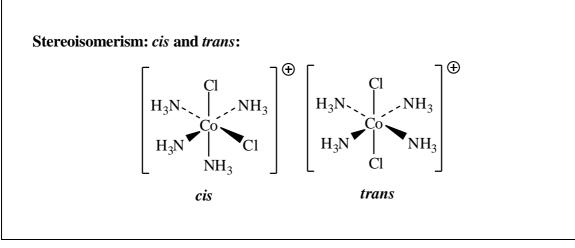
• Consider the complex [CoCl₂(NH₃)₄]Cl·2H₂O. Write the systematic name of this complex.

tetraamminedichlorocobalt(III) chloride-2-water

What type(s) of isomerism is/are possible for this complex?



How many *d* electrons are there in the cobalt in this complex?

Co³⁺: d⁶

What oxidation state of platinum has the same number of valence shell d electrons as the cobalt in this complex?

Pt⁴⁺ is also d⁶