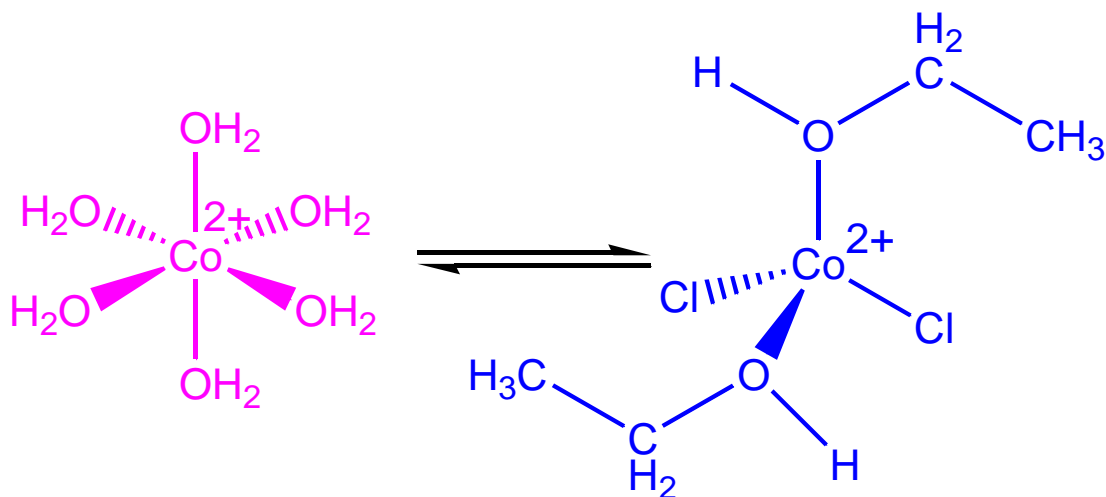


Cobalt Chloride Thermometer - Worksheet

Name..... Class.....

1. The structures of the pink and blue compounds are shown below. What is the geometry of the molecule around the metal centre?



Geometry =

Geometry =

2. By changing the temperature of the solution, you are changing the position of equilibrium of the reaction and therefore the colour of the solution. Mark with an arrow on the diagram below the position of equilibrium when the solution is....
- Hot?
 - Cold?
 - Ambient (room temperature)



3. Give an example of an everyday use of colour thermometers.....