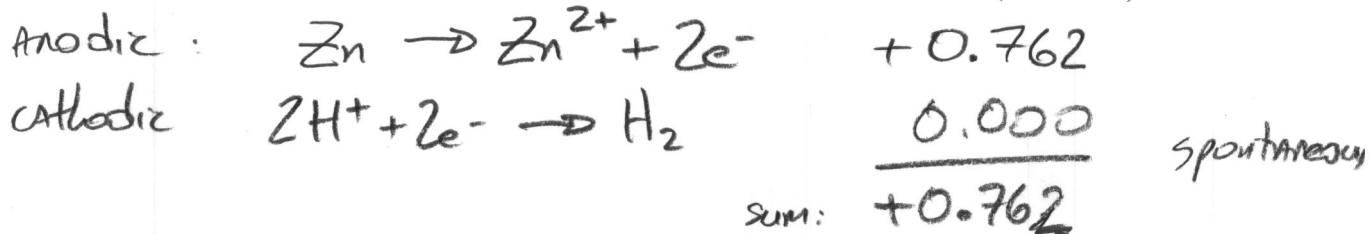


You may use your books and notes. Your signature shows that you agree with the answers. No discussions are allowed between the different teams. Each team returns one signed copy to Prof. Burleigh.

Name	signature
	Solutions

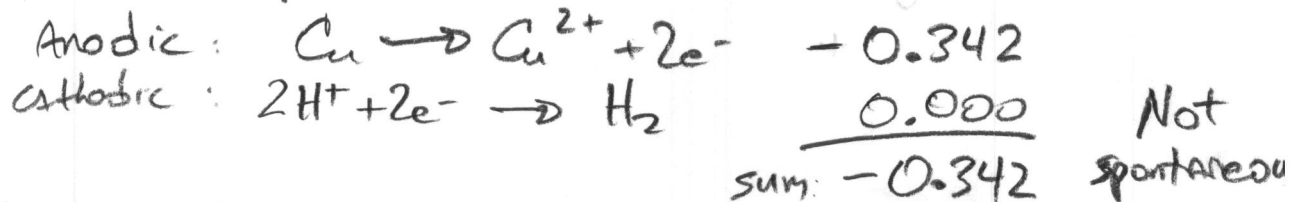
Using the EMF Series in Table 2.1, page 44, for the following problems:

1. List the possible anodic and cathodic reactions for Zn immersed in 1N HCl (deaerated).

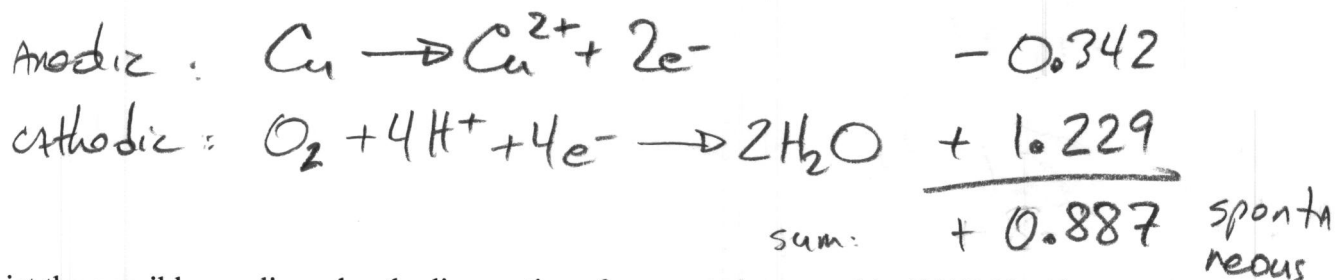


2. List the possible anodic and cathodic reactions for copper immersed in 1N HCl (deaerated).

There are no spontaneous reactions for Cu in HCl.



3. List the possible anodic and cathodic reactions for copper immersed in 1N HCl (aerated O₂).



4. List the possible anodic and cathodic reactions for copper immersed in 1N HNO₃ (deaerated).

