***→ Part I: Data table***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Metal** | **Measured Potentials (V)** | **Adjusted Potentials (V)** | **Standard reduction potentials (V)** | **Δ%** |
| **M1 (Cu)** |  |  | **+0.34**  |  |
| **M2 (Zn)** |  |  | **-0.76** |  |
| **M3 (Pb)** |  |  | **-0.13** |  |
| **M4 (Ag)** |  |  | **+0.80** |  |
| **M5 (Al)** |  |  | **-1.66** |  |

 *Instructions:*

1. Adjusted Potential: To make your potential values comparable to those found in Appendix D, you must add 0.34 Volts from each measured potential.

2. Calculate the delta % for M2 through M5 as follows: delta % = (EoAdjusted - Eoknown) / Eoknown x 100

 Depending on whether your results are higher or lower than the known value, the delta % may be positive or negative.
Be sure to include + or – as part of your answer.