

Grade 11 Unit 5 Quiz

Electrochemistry and Redox Systems

All cards are fictional paper models. No cells, batteries, electrolysis, electrical devices, chemical handling, or construction is requested. Total points: 18.

1. Define oxidation and reduction using electron-accounting language. [3 pts]

2. A fictional model pairs half-card values 0.80 and 0.34. Find their stated difference. [3 pts]

3. Explain why a paper potential difference is not a prediction of real device performance. [3 pts]

4. Identify one boundary required to interpret a redox model. [3 pts]

5. State one evidence feature that distinguishes electron accounting from a broad energy claim. [3 pts]

6. Write a bounded CER about a redox card with no device, operation, or product recommendation. [3 pts]
