

Voltaic Cells

Label the parts for the following cell:



By connecting to the voltmeter, describe the components and direction of electron flow.

- a. anode _____
- b. cathode _____
- c. anion _____
- d. cation _____
- e. direction of electron flow _____
- f. direction of ion movement _____
- g. half-cell reduction equation _____
- h. cell _____
- i. Write overall cell equation with phases. $\text{cell} = \text{anode} | \text{anode solution} || \text{cathode solution} | \text{cathode}$ (omit aqueous and solid designations)

Voltaic Cells Study Guide

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