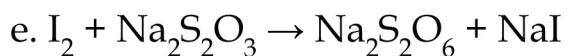
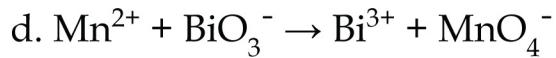
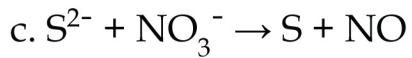
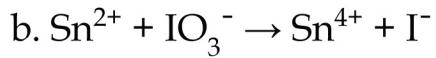
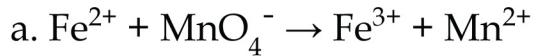


Name : \_\_\_\_\_ Date : \_\_\_\_\_

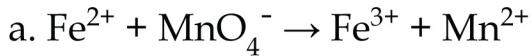
## Redox Half Reactions Worksheet

Complete and balance the following reactions using the half-reaction method.

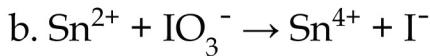
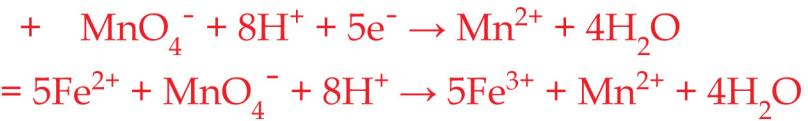


# Redox Half Reactions Worksheet

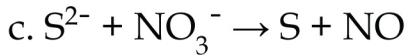
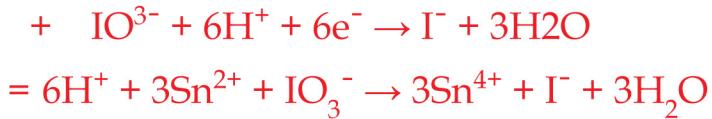
## Answers



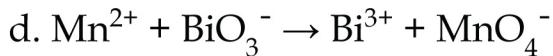
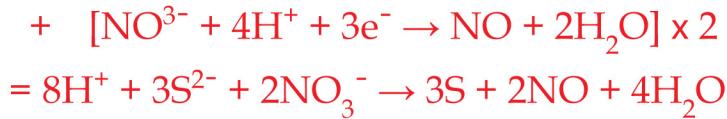
$$[\text{Fe}^{2+} \rightarrow \text{Fe}^{3+} + \text{e}^-] \times 5$$



$$[\text{Sn}^{2+} \rightarrow \text{Sn}^{4+} + 2\text{e}^-] \times 3$$



$$[\text{S}^{2-} \rightarrow \text{S} + 2\text{e}^-] \times 3$$



$$[\text{Mn}^{2+} + 4\text{H}_2\text{O} \rightarrow \text{MnO}_4^- + 8\text{H}^+ + 5\text{e}^-] \times 2$$

