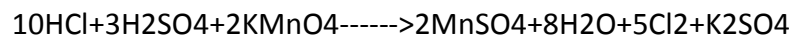


Answer on the question #43060, Chemistry, Physical Chemistry

Question:

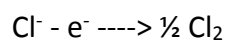
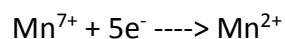


Which of the following is an electronic equation for the above reaction?

- a) $\text{Mn}^{7+} \longrightarrow \text{Mn}^{2+} + 5\text{e}^-$
- b) $\text{Mn}^{7+} + 7\text{e}^- \longrightarrow \text{Cl}$
- c) $\text{Cl}^{-1} + 1\text{e}^- \longrightarrow \text{Cl}$
- d) $\text{Cl}^{-1} \longrightarrow \text{Cl} + 1\text{e}^-$

Solution:

The electronic equations for the reaction are:



Answer: d).