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More Practice Balancing Redox Reactions
Instructions: Use the equations to answer the following questions.

1) $\mathrm{H}_{2} \mathrm{O}_{2}+\mathrm{ClO}_{2} \rightarrow \mathrm{ClO}_{2}^{-1}+\mathrm{O}_{2}$
a) Write BOTH half reactions.
b) Balance the redox reaction in acidic conditions.
c) Balance the redox reaction in basic conditions.
2) $\mathrm{Pb}(\mathrm{OH})_{4}^{-2}+\mathrm{ClO}^{-1} \rightarrow \mathrm{PbO}_{2}+\mathrm{Cl}^{-1}$
a) Write the BOTH half reactions.
b) Balance the redox reaction in acidic conditions.
c) Balance the redox reaction in basic conditions.
