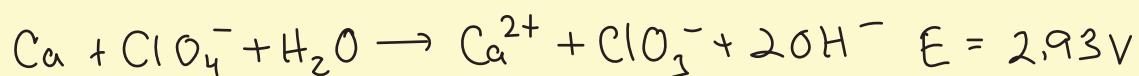
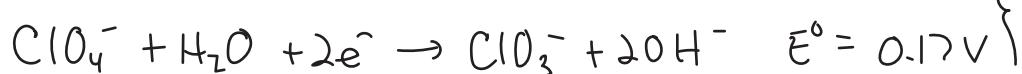
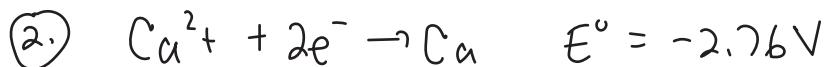
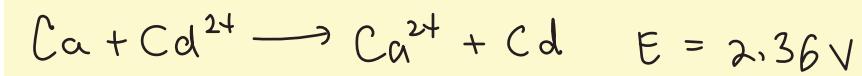
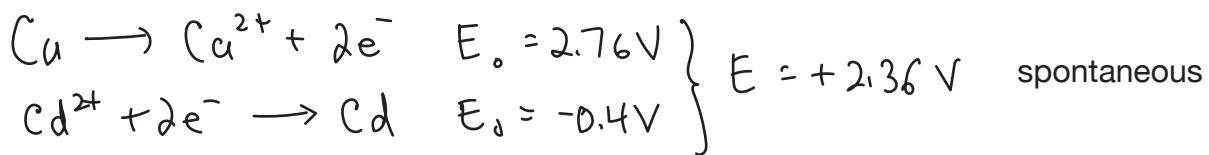
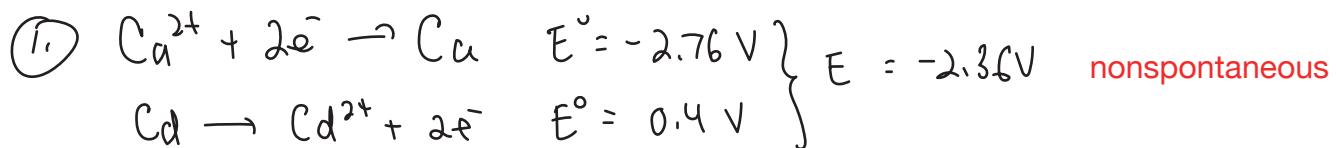
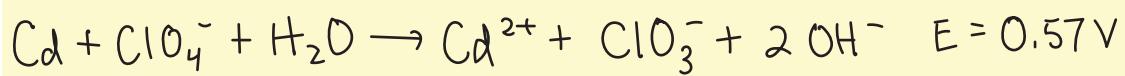
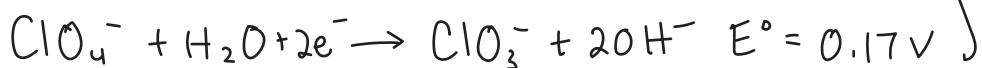
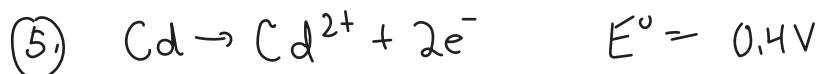
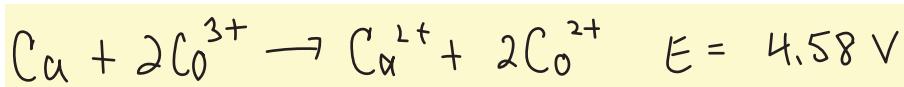
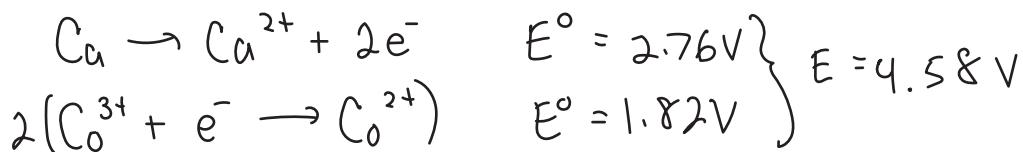
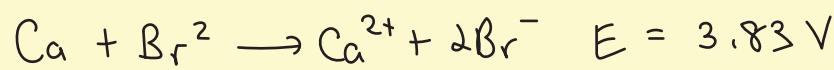
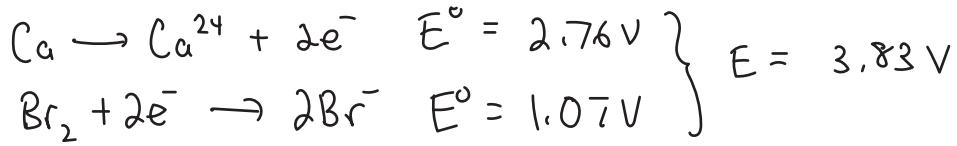
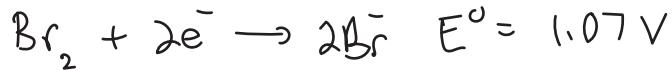
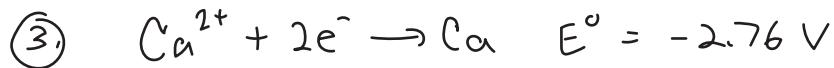


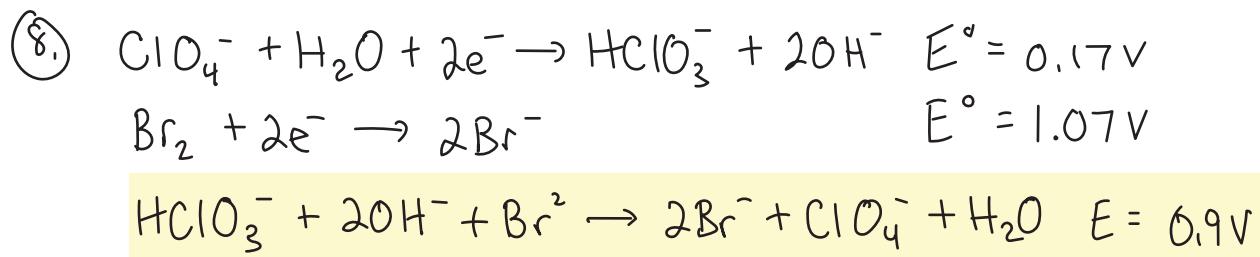
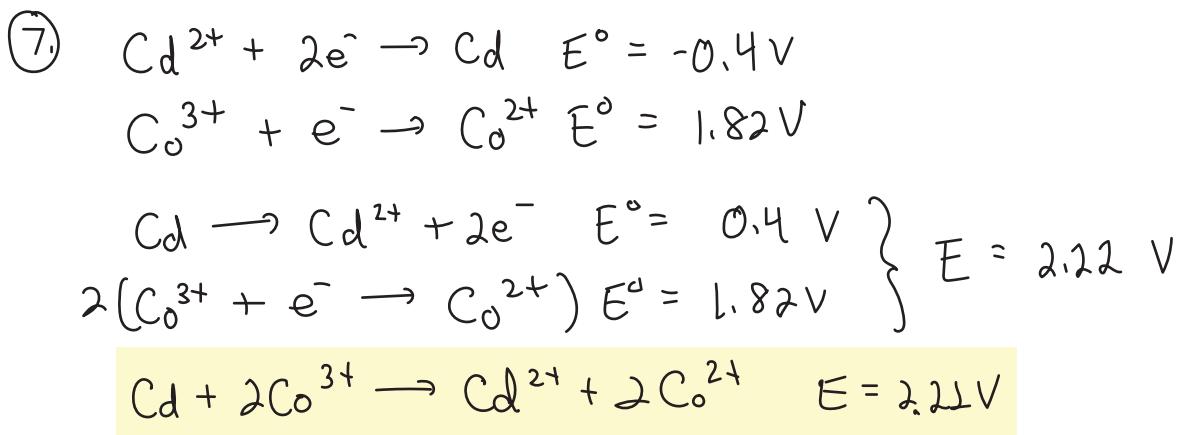
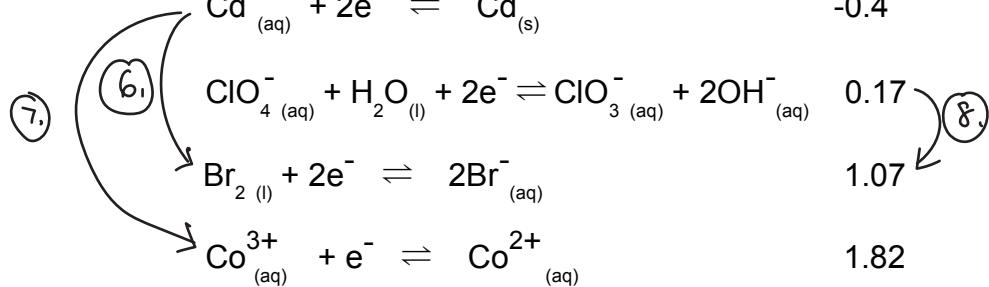
Cathode (reduction) half-reaction	E° (Volts)
$\text{Ca}_{(\text{aq})}^{2+} + 2\text{e}^- \rightleftharpoons \text{Ca}_{(\text{s})}$	-2.76
$\text{Cd}_{(\text{aq})}^{2+} + 2\text{e}^- \rightleftharpoons \text{Cd}_{(\text{s})}$	-0.4
$\text{ClO}_4^{-} (\text{aq}) + \text{H}_2\text{O}_{(\text{l})} + 2\text{e}^- \rightleftharpoons \text{ClO}_3^{-} (\text{aq}) + 2\text{OH}^{-} (\text{aq})$	0.17
$\text{Br}_2 (\text{l}) + 2\text{e}^- \rightleftharpoons 2\text{Br}^{-} (\text{aq})$	1.07
$\text{Co}_{(\text{aq})}^{3+} + \text{e}^- \rightleftharpoons \text{Co}_{(\text{aq})}^{2+}$	1.82



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$\text{Ca}_{(\text{aq})}^{2+} + 2\text{e}^- \rightleftharpoons \text{Ca}_{(\text{s})}$	-2.76
$\text{Cd}_{(\text{aq})}^{2+} + 2\text{e}^- \rightleftharpoons \text{Cd}_{(\text{s})}$	-0.4
$\text{ClO}_4^{-} (\text{aq}) + \text{H}_2\text{O} (\text{l}) + 2\text{e}^- \rightleftharpoons \text{ClO}_3^{-} (\text{aq}) + 2\text{OH}^- (\text{aq})$	0.17
$\text{Br}_2 (\text{l}) + 2\text{e}^- \rightleftharpoons 2\text{Br}^- (\text{aq})$	1.07
$\text{Co}_{(\text{aq})}^{3+} + \text{e}^- \rightleftharpoons \text{Co}_{(\text{aq})}^{2+}$	1.82



Cathode (reduction) half-reaction	E° (Volts)
$\text{Ca}_{(\text{aq})}^{2+} + 2\text{e}^- \rightleftharpoons \text{Ca}_{(\text{s})}$	-2.76
$\text{Cd}_{(\text{aq})}^{2+} + 2\text{e}^- \rightleftharpoons \text{Cd}_{(\text{s})}$	-0.4
$\text{ClO}_4^{-} (\text{aq}) + \text{H}_2\text{O} (\text{l}) + 2\text{e}^- \rightleftharpoons \text{ClO}_3^{-} (\text{aq}) + 2\text{OH}^- (\text{aq})$	0.17
$\text{Br}_2 (\text{l}) + 2\text{e}^- \rightleftharpoons 2\text{Br}^- (\text{aq})$	1.07
$\text{Co}_{(\text{aq})}^{3+} + \text{e}^- \rightleftharpoons \text{Co}_{(\text{aq})}^{2+}$	1.82



Cathode (reduction) half-reaction	E° (Volts)
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