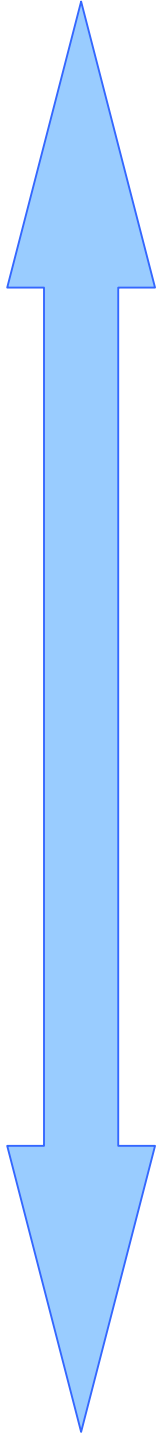


Half reaction	\mathcal{E}° (V)	
$\text{Li}^{+} + \text{e}^{-} \rightarrow \text{Li}_{(s)}$	-3.0401	+REDUCING 
$\text{K}^{+} + \text{e}^{-} \rightarrow \text{K}_{(s)}$	-2.931	
$\text{Ca}^{2+} + 2\text{e}^{-} \rightarrow \text{Ca}_{(s)}$	-2.868	
$\text{Na}^{+} + \text{e}^{-} \rightarrow \text{Na}_{(s)}$	-2.7144	
$\text{Mg}^{2+} + 2\text{e}^{-} \rightarrow \text{Mg}_{(s)}$	-2.3568	
$\text{Al}^{3+} + 3\text{e}^{-} \rightarrow \text{Al}_{(s)}$	-1.676	
$\text{Mn}^{2+} + 2\text{e}^{-} \rightarrow \text{Mn}_{(s)}$	-1.185	
$2\text{H}_2\text{O} + 2\text{e}^{-} \rightarrow \text{H}_{2(g)} + 2\text{OH}^{-}$	-0.8277	
$\text{Zn}^{2+} + 2\text{e}^{-} \rightarrow \text{Zn}_{(s)}$	-0.7628	
$\text{Cr}^{3+} + 3\text{e}^{-} \rightarrow \text{Cr}_{(s)}$	-0.74	
$\text{Fe}^{2+} + 2\text{e}^{-} \rightarrow \text{Fe}_{(s)}$	-0.440	
$\text{Cr}^{3+} + \text{e}^{-} \rightarrow \text{Cr}^{2+}_{(s)}$	-0.42	
$\text{Cd}^{2+} + 2\text{e}^{-} \rightarrow \text{Cd}_{(s)}$	-0.40	
$\text{Ni}^{2+} + 2\text{e}^{-} \rightarrow \text{Ni}_{(s)}$	-0.236	
$\text{Sn}^{2+} + 2\text{e}^{-} \rightarrow \text{Sn}_{(s)}$	-0.13	
$\text{Pb}^{2+} + 2\text{e}^{-} \rightarrow \text{Pb}_{(s)}$	-0.1266	
$2\text{H}^{+} + 2\text{e}^{-} \rightarrow \text{H}_{2(g)}$	0.0000	
$\text{Cu}^{2+} + \text{e}^{-} \rightarrow \text{Cu}^{+}_{(s)}$	+0.159	
$\text{SO}_4^{2-} + 4\text{H}^{+} + 2\text{e}^{-} \rightarrow \text{SO}_{2(g)} + 2\text{H}_2\text{O}$	+0.17	
$\text{Cu}^{2+} + 2\text{e}^{-} \rightarrow \text{Cu}_{(s)}$	+0.3394	
$\text{O}_{2(g)} + 2\text{H}_2\text{O} + 4\text{e}^{-} \rightarrow 4\text{OH}^{-}$	+0.414	
$\text{Cu}^{+} + \text{e}^{-} \rightarrow \text{Cu}_{(s)}$	+0.5180	
$\text{I}_{2(s)} + 2\text{e}^{-} \rightarrow 2\text{I}^{-}$	+0.535	
$\text{MnO}_4^{-} + 2\text{H}_2\text{O} + 3\text{e}^{-} \rightarrow \text{MnO}_{2(s)} + 4\text{OH}^{-}$	+0.597	
$\text{Fe}^{3+} + \text{e}^{-} \rightarrow \text{Fe}^{2+}$	+0.769	
$\text{Ag}^{+} + \text{e}^{-} \rightarrow \text{Ag}_{(s)}$	+0.7996	
$\text{NO}_3^{-} + 4\text{H}^{+} + 3\text{e}^{-} \rightarrow \text{NO}_{(g)} + 2\text{H}_2\text{O}$	+0.96	
$\text{Br}_{2(l)} + 2\text{e}^{-} \rightarrow 2\text{Br}^{-}$	+1.066	
$\text{Br}_{2(aq)} + 2\text{e}^{-} \rightarrow 2\text{Br}^{-}$	+1.0873	
$2\text{IO}_3^{-} + 12\text{H}^{+} + 10\text{e}^{-} \rightarrow \text{I}_{2(s)} + 6\text{H}_2\text{O}$	+1.2093	
$\text{O}_{2(g)} + 4\text{H}^{+} + 4\text{e}^{-} \rightarrow 2\text{H}_2\text{O}$	+1.2288	
$\text{Cr}_2\text{O}_7^{2-} + 14\text{H}^{+} + 6\text{e}^{-} \rightarrow 2\text{Cr}^{3+} + 7\text{H}_2\text{O}$	+1.33	
$\text{Cl}_{2(g)} + 2\text{e}^{-} \rightarrow 2\text{Cl}^{-}$	+1.3601	
$\beta\text{-PbO}_{2(s)} + 4\text{H}^{+} + 2\text{e}^{-} \rightarrow \text{Pb}^{2+} + 2\text{H}_2\text{O}$	+1.458	
$\alpha\text{-PbO}_{2(s)} + 4\text{H}^{+} + 2\text{e}^{-} \rightarrow \text{Pb}^{2+} + 2\text{H}_2\text{O}$	+1.468	
$\text{ClO}^{-} + 2\text{H}^{+} + 2\text{e}^{-} \rightarrow \text{Cl}^{-} + \text{H}_2\text{O}$	+1.46	
$\text{MnO}_4^{-} + 8\text{H}^{+} + 5\text{e}^{-} \rightarrow \text{Mn}^{2+} + 4\text{H}_2\text{O}$	+1.5119	
$\text{Au}^{3+} + 3\text{e}^{-} \rightarrow \text{Au}_{(s)}$	+1.52	
$\text{H}_2\text{O}_{2(l)} + 2\text{H}^{+} + 2\text{e}^{-} \rightarrow 2\text{H}_2\text{O}$	+1.78	
$\text{Au}^{+} + \text{e}^{-} \rightarrow \text{Au}_{(s)}$	+1.83	
$\text{F}_{2(g)} + 2\text{e}^{-} \rightarrow 2\text{F}^{-}$	+2.890	+OXIDIZING