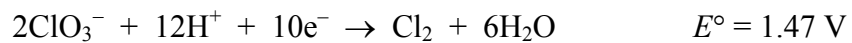


- Consider the following half-reactions and their standard reduction potentials.



Give the overall cell reaction.

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Calculate  $\Delta G^\circ$  and hence the value of  $K_c$  for the cell reaction at 298 K.

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$\Delta G^\circ =$	$K_c =$
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