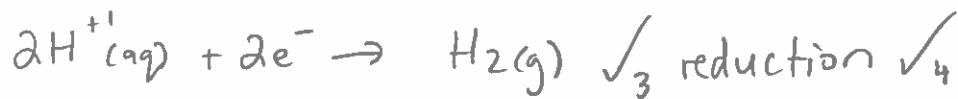


**BCI SCIENCE
SCH4U****REDOX QUIZ 1****20 / 20**

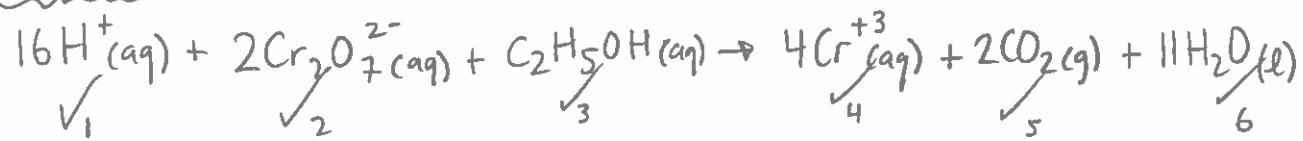
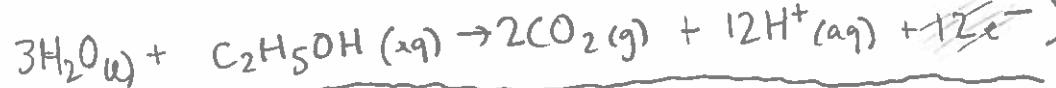
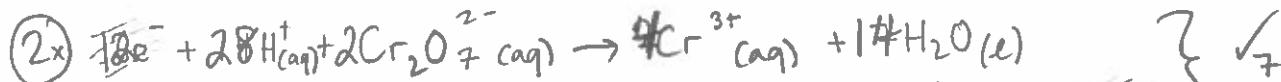
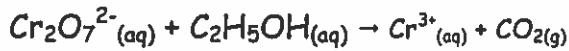
1. Write the redox half-reactions for the reaction between solid magnesium and aqueous hydrochloric acid. Then identify the oxidizing agent and reducing agent (6)



Mg(s) is the reducing agent \checkmark_5

HCl(aq) is the oxidizing agent \checkmark_6

2. Balance the following equation using half-reactions in acidic conditions. (7)



3. Balance the following equation using the oxidation # method in basic conditions. (7)

