

Universidad Nacional de Cuyo - Facultad de Ingeniería

Química Aplicada

Reacciones Redox

- RESPUESTAS -

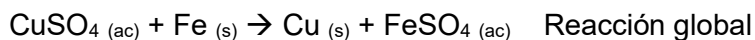
Profesora Titular: Dra. Graciela Valente

Profesora Adjunta: Dra. Rebeca Purpora

Jefe de Trabajos Prácticos: Ing. Alejandra Somonte

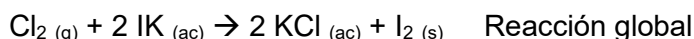
RESPUESTAS

1.



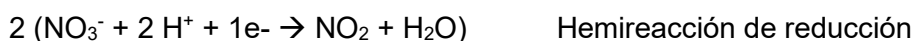
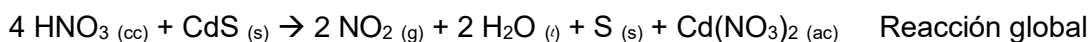
Cu^{2+} Agente Oxidante; Fe^0 Agente Reductor

2.



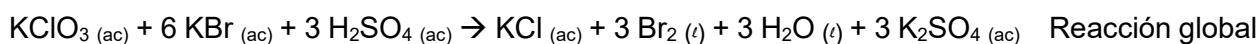
Cl_2 Agente Oxidante; I^- Agente Reductor

3.



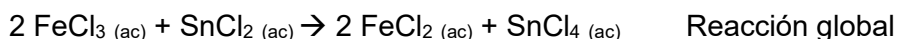
HNO_3 Agente Oxidante; S^{2-} Agente Reductor

4.



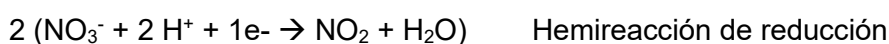
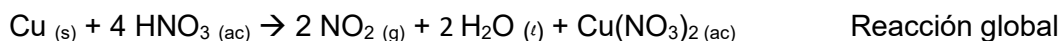
KClO_3 Agente Oxidante; Br^- Agente Reductor

5.



Fe^{3+} Agente Oxidante; Sn^{2+} Agente reductor

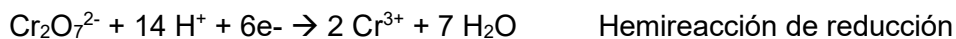
6.



HNO_3 Agente Oxidante; Cu^0 Agente reductor

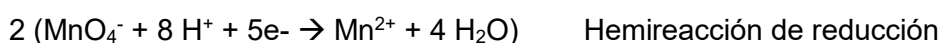
7.

Reacción global:



$\text{Cr}_2\text{O}_7^{2-}$ Agente Oxidante; Fe^{2+} Agente Reductor

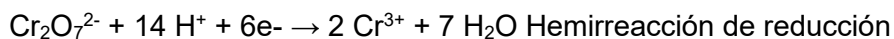
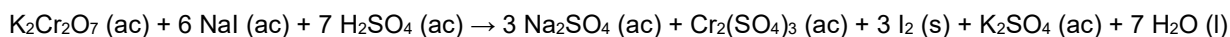
8.



MnO_4^- Agente Oxidante; Cl^- Agente Reductor

9.

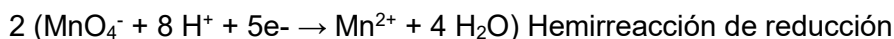
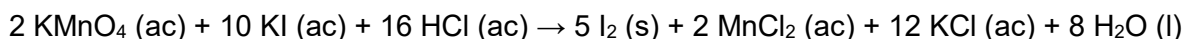
Reacción global:



$\text{Cr}_2\text{O}_7^{2-}$ Agente Oxidante; I^- Agente Reductor

10.

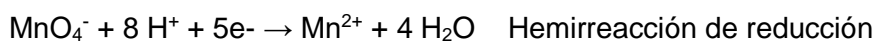
Reacción global:



MnO_4^- Agente Oxidante; I^- Agente Reductor

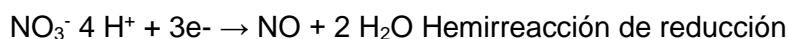
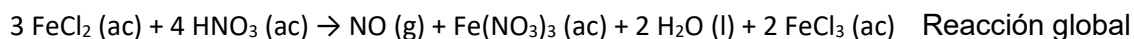
11.

Reacción global:



MnO_4^- Agente Oxidante; Fe^{2+} Agente Reductor

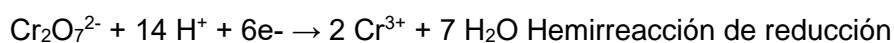
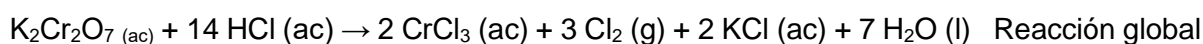
12.



NO_3^- Agente Oxidante; Fe^{2+} Agente Reductor

Autoevaluación

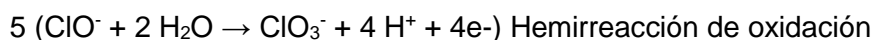
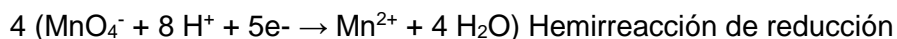
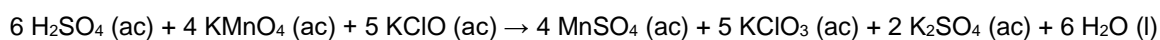
1.



$\text{Cr}_2\text{O}_7^{2-}$ Agente Oxidante; Cl^- Agente Reductor

2.

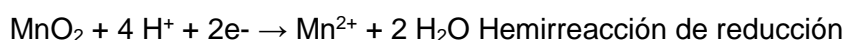
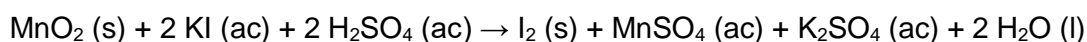
Reacción global:



MnO_4^- Agente Oxidante; ClO_3^- Agente Reductor

3.

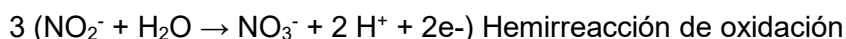
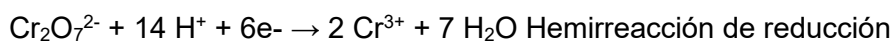
Reacción global:



MnO_2 Agente Oxidante; I^- Agente Reductor

4.

Reacción global:



$\text{Cr}_2\text{O}_7^{2-}$ Agente Oxidante; NO_2^- Agente Reductor