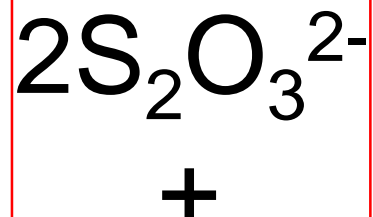
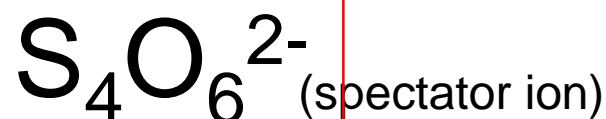
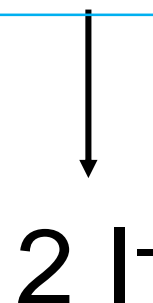
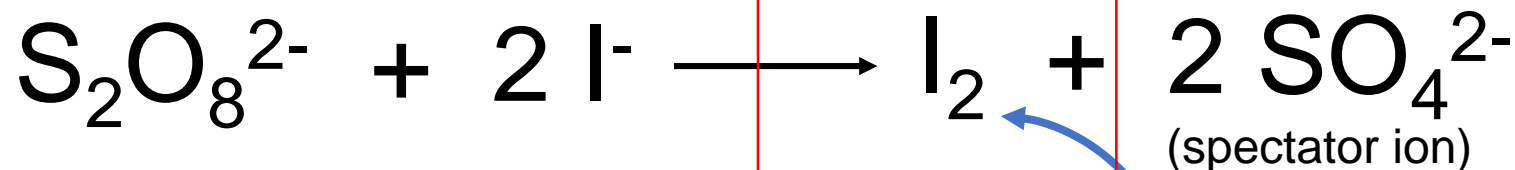


Reaction 2:



Reaction 1:



Forms a blue
complex with
starch

Nomenclature:

$\text{S}_2\text{O}_8^{2-}$: persulfate ion

$\text{S}_2\text{O}_3^{2-}$: thiosulfate ion

I_2 : iodine molecule

I^- : iodide ion