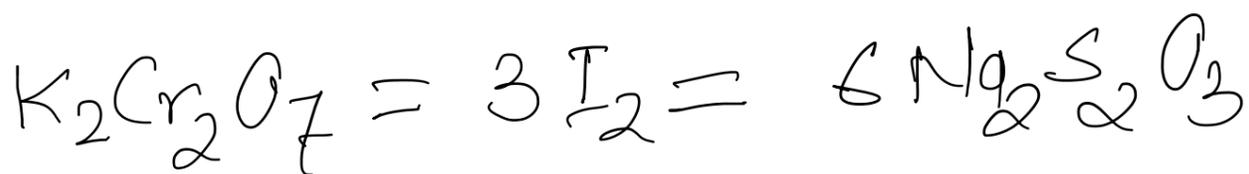
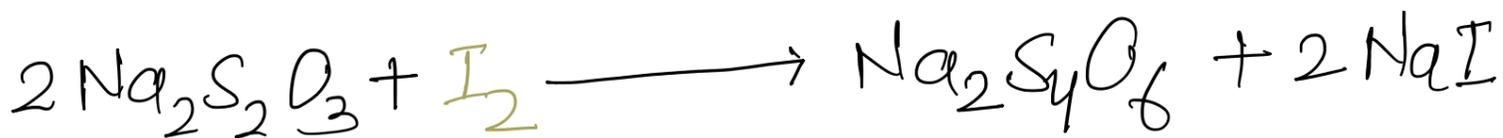
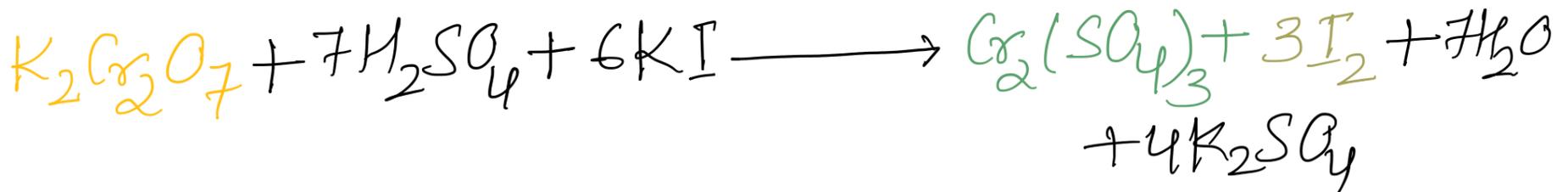
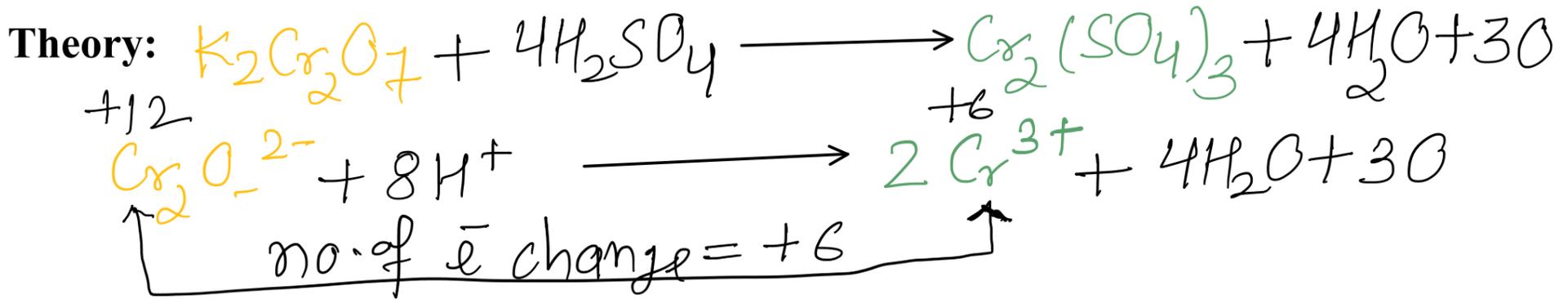
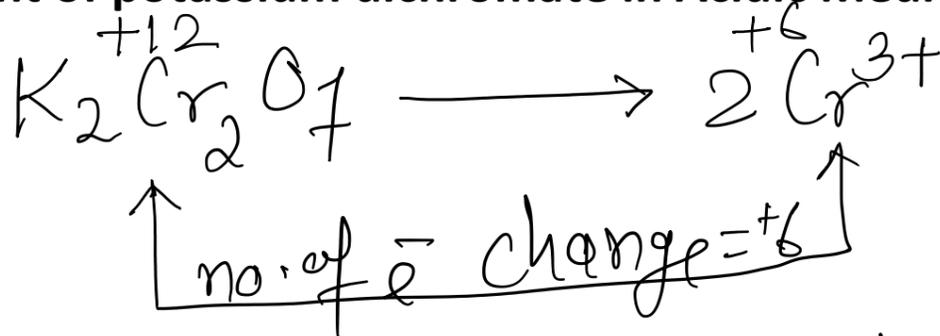


**Aim:** Estimation of potassium dichromate using sodium thiosulphate solution (iodometrically).

Sunday, 30 August 2020 11:31 PM



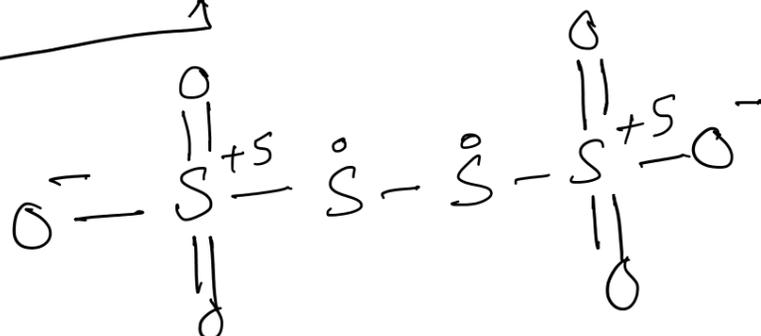
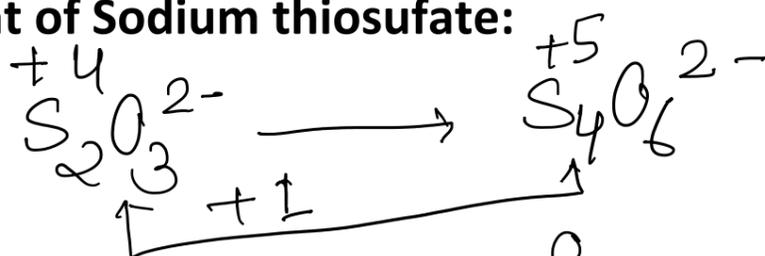
**Equivalent weight of potassium dichromate in Acidic Medium:**



$$\text{Equivalent of } K_2Cr_2O_7 = \frac{\text{Molecular wt.}}{\text{No of e}^- \text{ change}}$$

$$\text{Equivalent wt. of } K_2Cr_2O_7 = \frac{\text{Molecular wt.}}{6}$$

**Equivalent weight of Sodium thiosulfate:**



$$\text{Equivalent wt. of } S_2O_3^{2-} = \frac{\text{Molecular wt.}}{1}$$