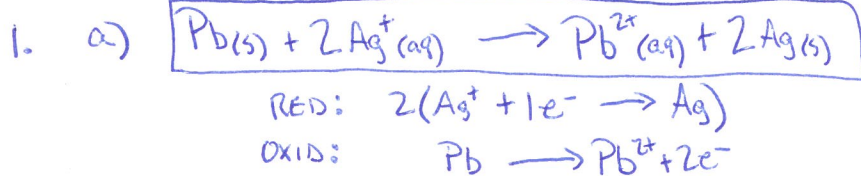


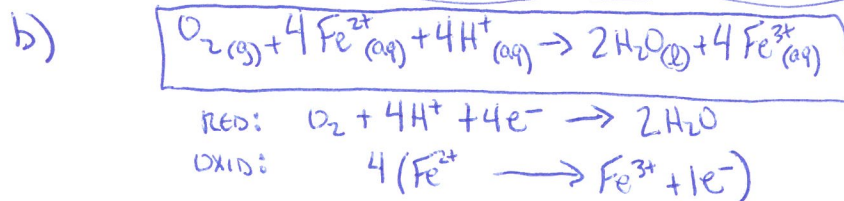
UNIT 5 - CHAPTER 15 ASSIGNMENT #2 - KEY



$$E_{\text{RED}}^{\circ} = .799\text{V}$$

$$E_{\text{OXID}}^{\circ} = .127\text{V}$$

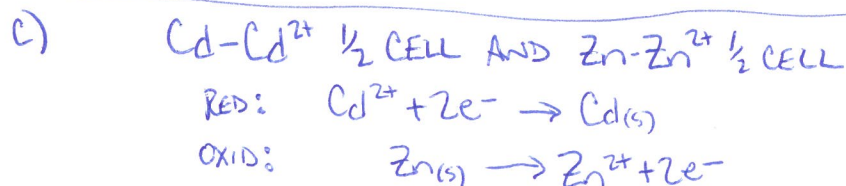
$$E^{\circ} = .926\text{V}$$



$$E_{\text{RED}}^{\circ} = 1.229\text{V}$$

$$E_{\text{OXID}}^{\circ} = -.763\text{V}$$

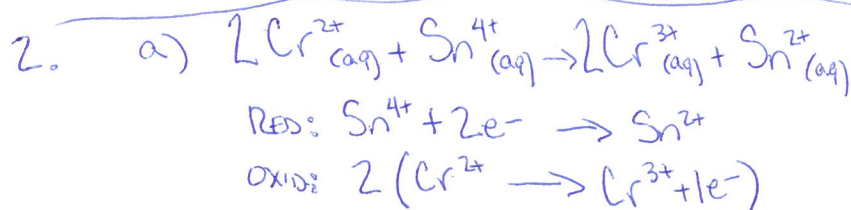
$$E^{\circ} = .466\text{V}$$



$$E_{\text{RED}}^{\circ} = -.402\text{V}$$

$$E_{\text{OXID}}^{\circ} = .762\text{V}$$

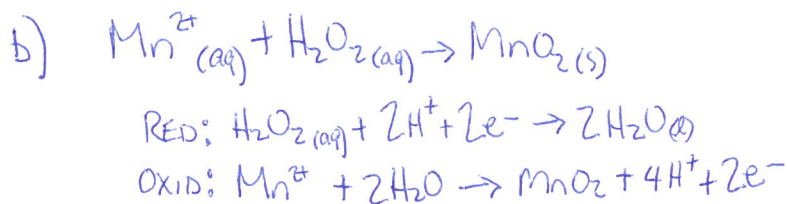
$$E^{\circ} = .360\text{V}$$



$$E_{\text{RED}}^{\circ} = .154\text{V}$$

$$E_{\text{OXID}}^{\circ} = .408\text{V}$$

$$E^{\circ} = .562\text{V}$$



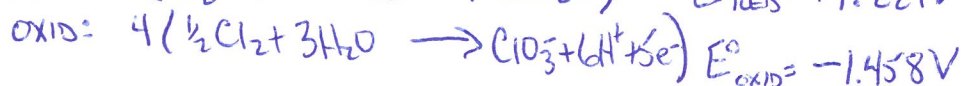
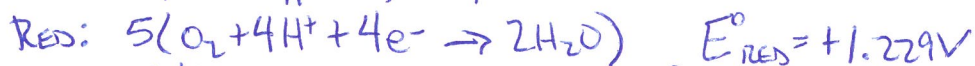
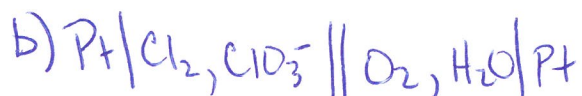
$$E_{\text{RED}}^{\circ} = 1.763\text{V}$$

$$E_{\text{OXID}}^{\circ} = -1.229\text{V}$$

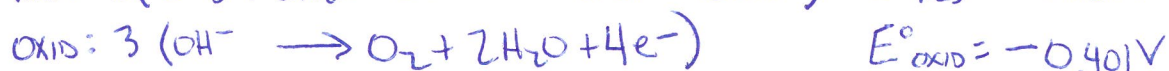
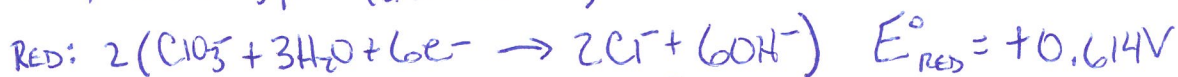
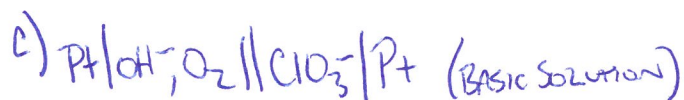
$$E^{\circ} = .534\text{V}$$



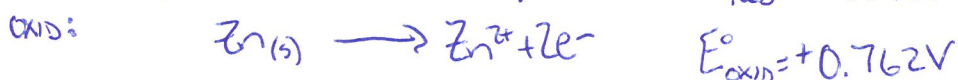
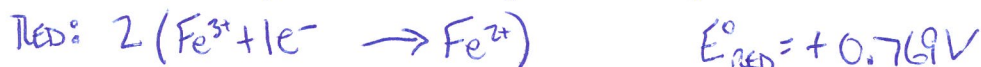
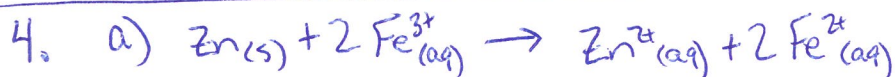
$$E^\circ = +0.229\text{V}$$



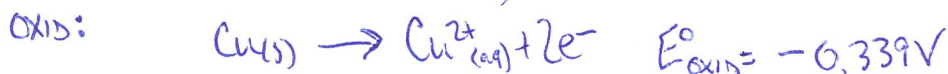
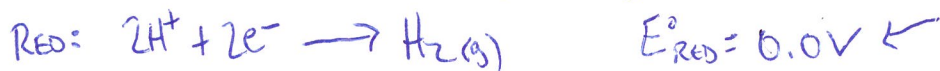
$$E^\circ = -0.229\text{V}$$



$$E^\circ = +0.213\text{V}$$



$$E^\circ = +1.531\text{V} \quad \text{SPONTANEOUS}$$



$$E^\circ = -0.339\text{V} \quad \text{NOT SPONTANEOUS}$$

0V BECAUSE POTENTIAL CHART WAS MADE USING H^+ AS THE STANDARD



$$E^\circ = -0.473\text{V} \quad \text{NOT SPONTANEOUS}$$