

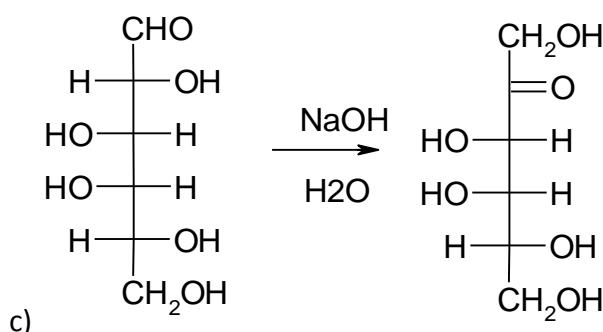
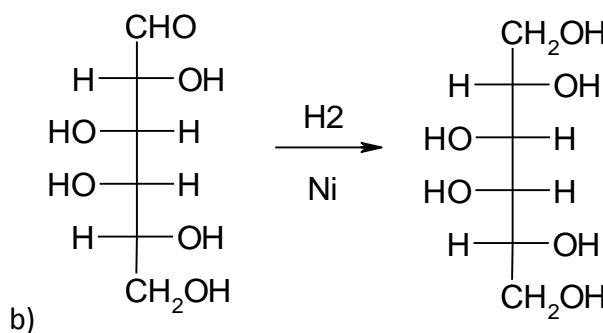
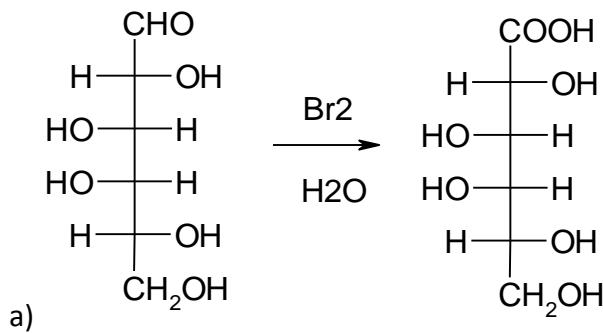
## Answer on Question #63191 - Chemistry – Other

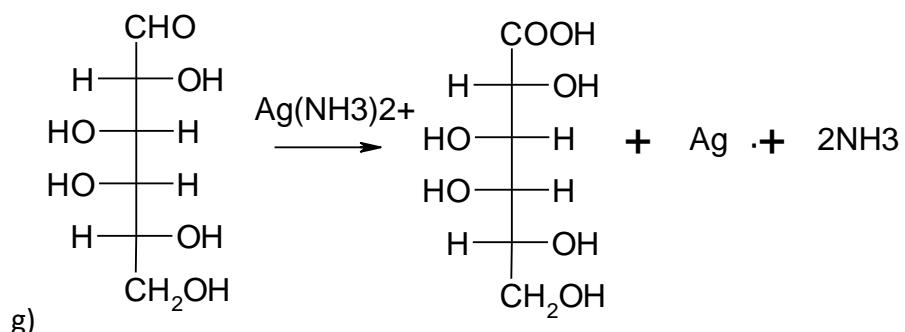
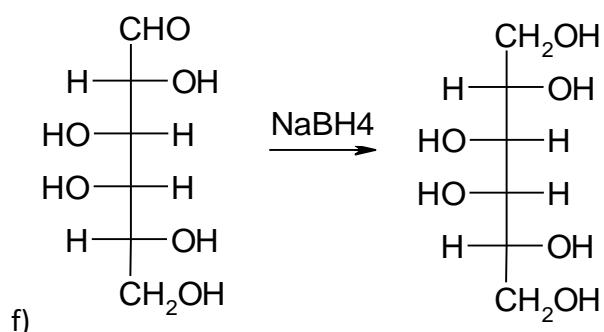
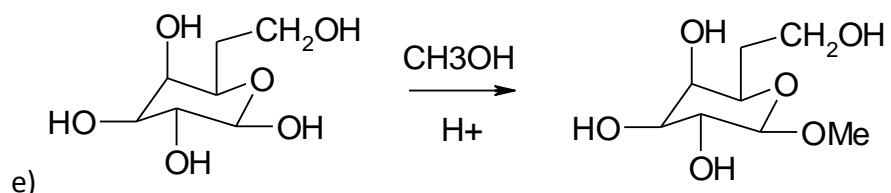
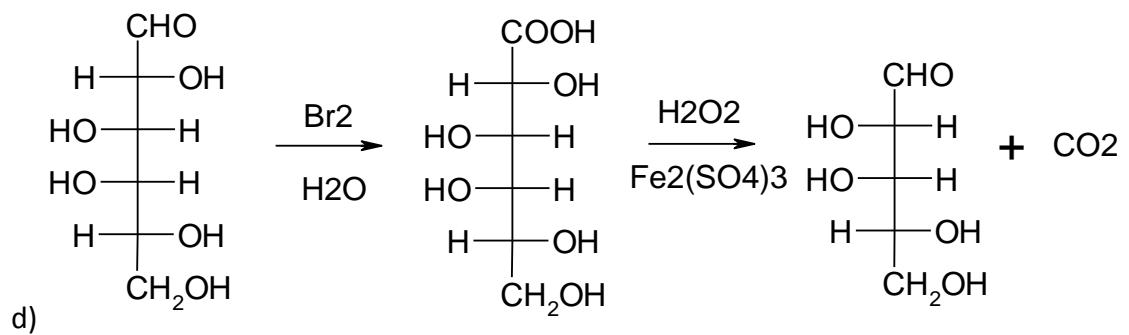
Predict what products are obtained when the D-galactose reacts with each of the following reagents:

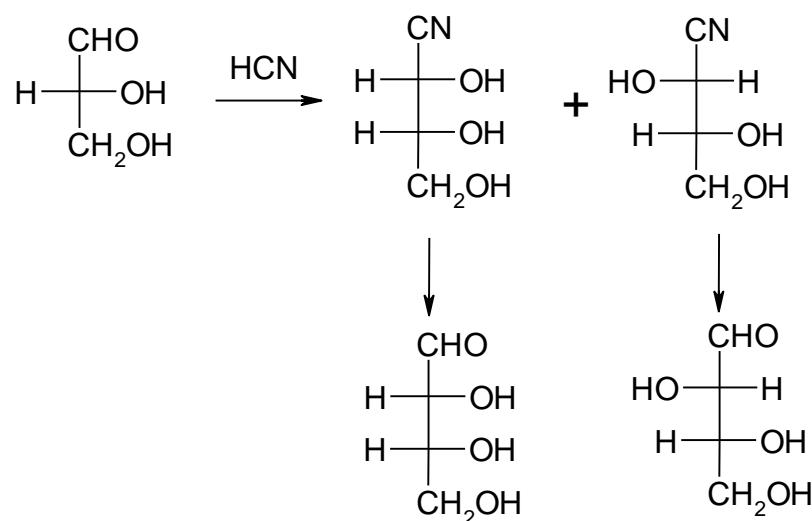
- $\text{Br}_2$  and  $\text{H}_2\text{O}$
- $\text{H}_2$ ,  $\text{Ni}$
- $\text{NaOH}$ ,  $\text{H}_2\text{O}$
- $\text{Br}_2$ ,  $\text{H}_2\text{O}$ , after  $\text{H}_2\text{O}_2$  and  $\text{Fe}_2(\text{SO}_4)_3$
- $\text{CH}_3\text{OH}$ ,  $\text{H}^+$
- $\text{NaBH}_4$
- Tollens Reagent

Say what products are expected when the (+) - glyceraldehyde reacts with HCN

**Solution.**







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