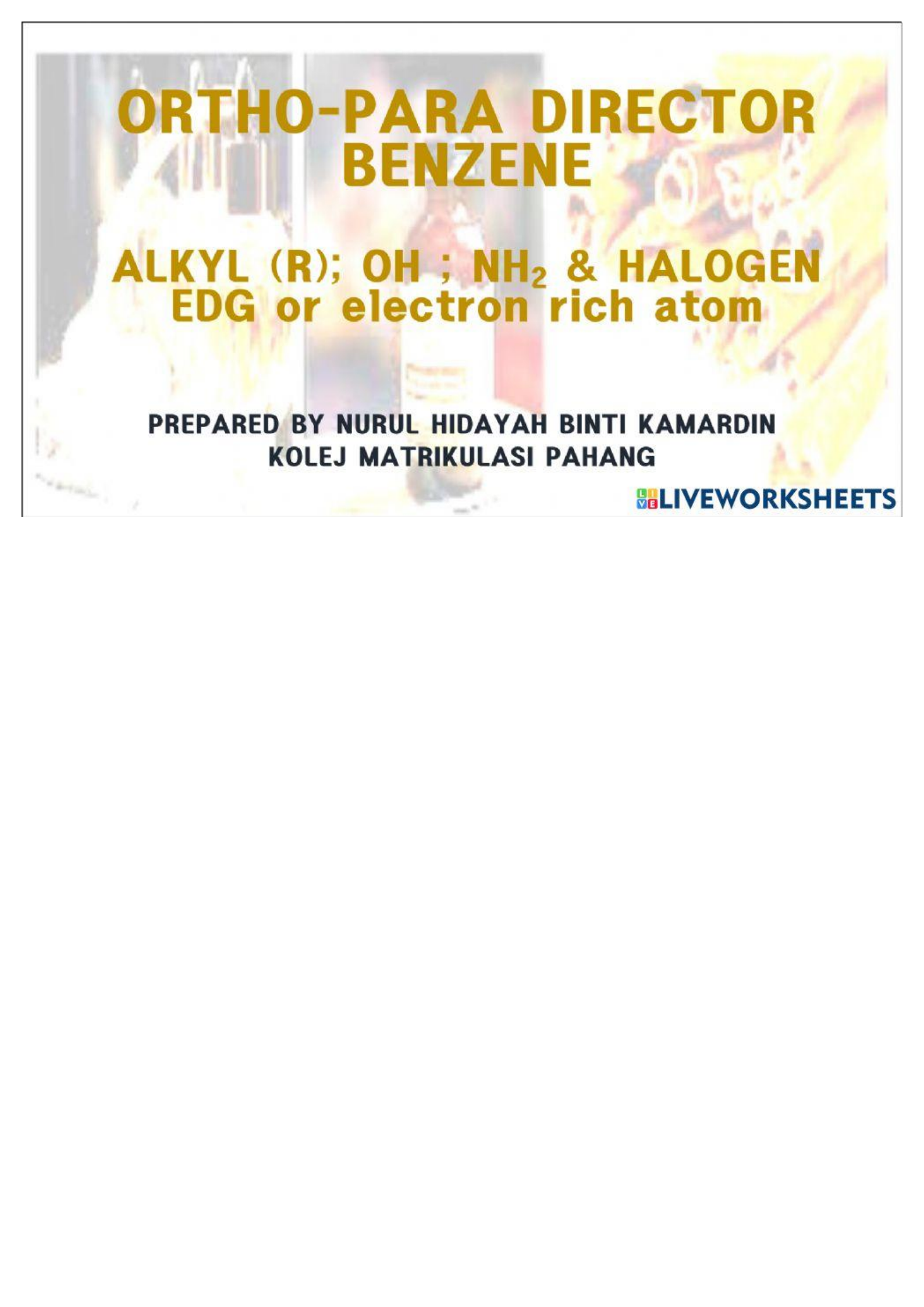


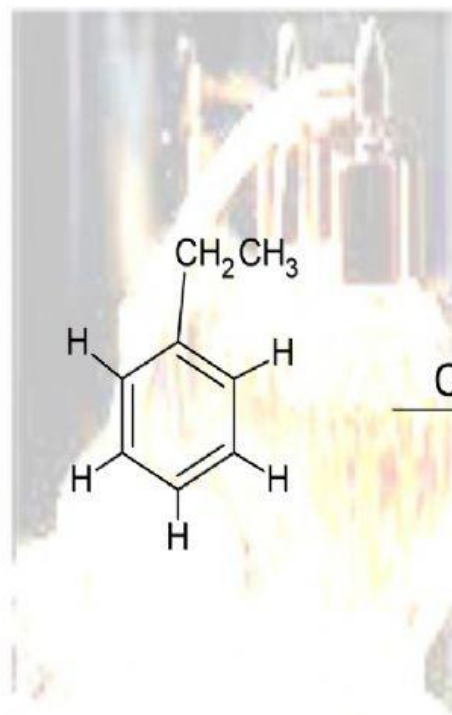


ORTHO-PARA DIRECTOR BENZENE

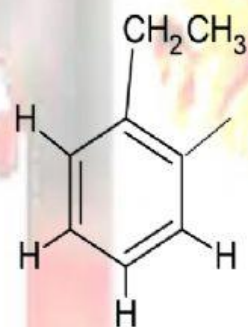
**ALKYL (R); OH ; NH₂ & HALOGEN
EDG or electron rich atom**

**PREPARED BY NURUL HIDAYAH BINTI KAMARDIN
KOLEJ MATRIKULASI PAHANG**

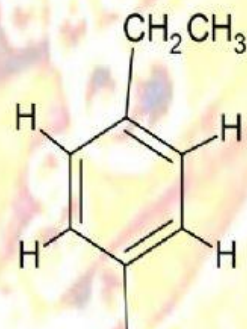
 **LIVEWORKSHEETS**

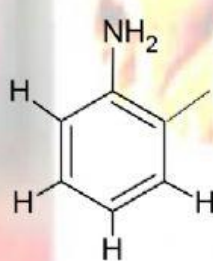
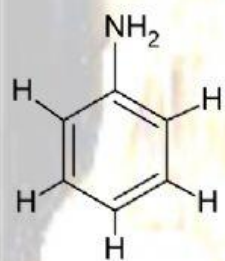


$\xrightarrow{\text{Cl}_2, \text{FeCl}_3}$

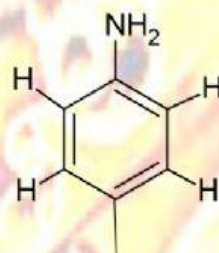


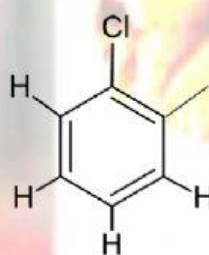
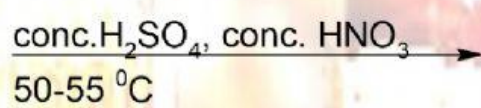
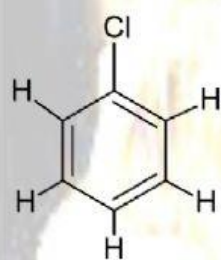
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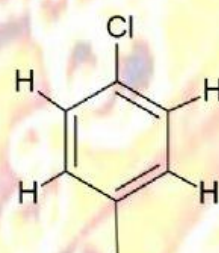


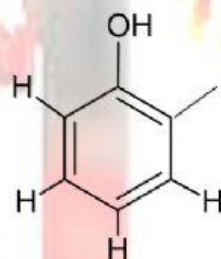
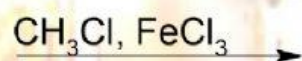
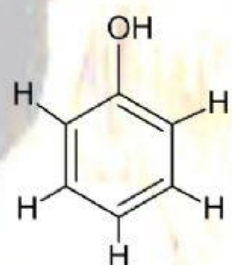
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