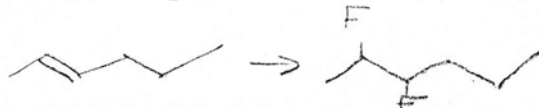


# ANSWERS

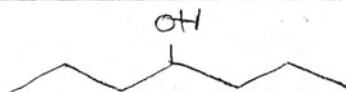
## Predict the products

1. 2-hexene + F<sub>2</sub> →



2. 3-heptene + H<sub>2</sub>O

acid



3. 3-hexanol

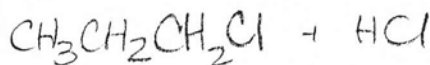
H<sub>2</sub>SO<sub>4</sub>



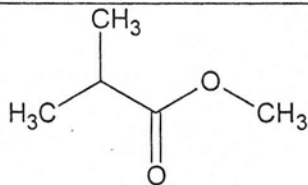
4. propane +

Cl-Cl

h $\nu$

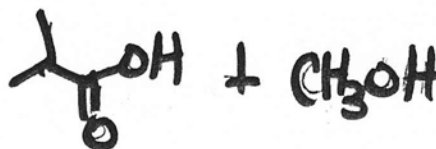


5.



H-OH

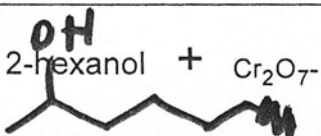
NaOH



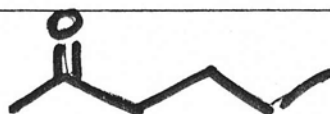
6. HCl + 2-pentene →



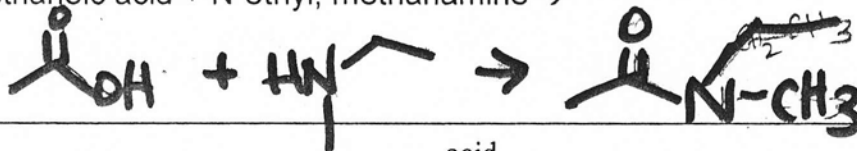
7.



acid



8. ethanoic acid + N-ethyl, methanamine →



9.



Cr<sub>2</sub>O<sub>7</sub><sup>-</sup>

acid  
heat under reflux



10. H<sub>2</sub> + 1-butene →



butane

11.

1-octanol

+ Cr<sub>2</sub>O<sub>7</sub><sup>-</sup>

acid

distill



octanal