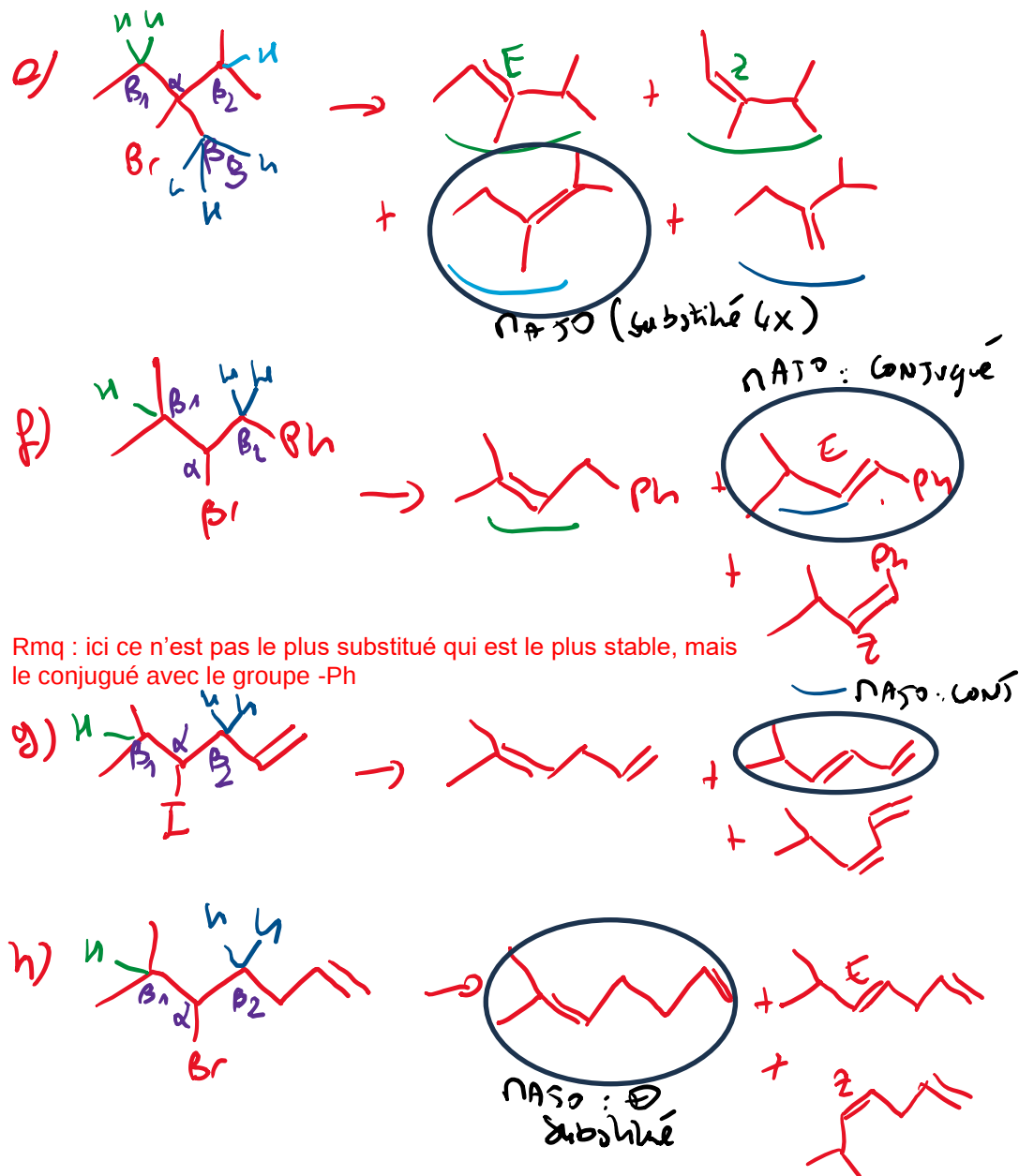
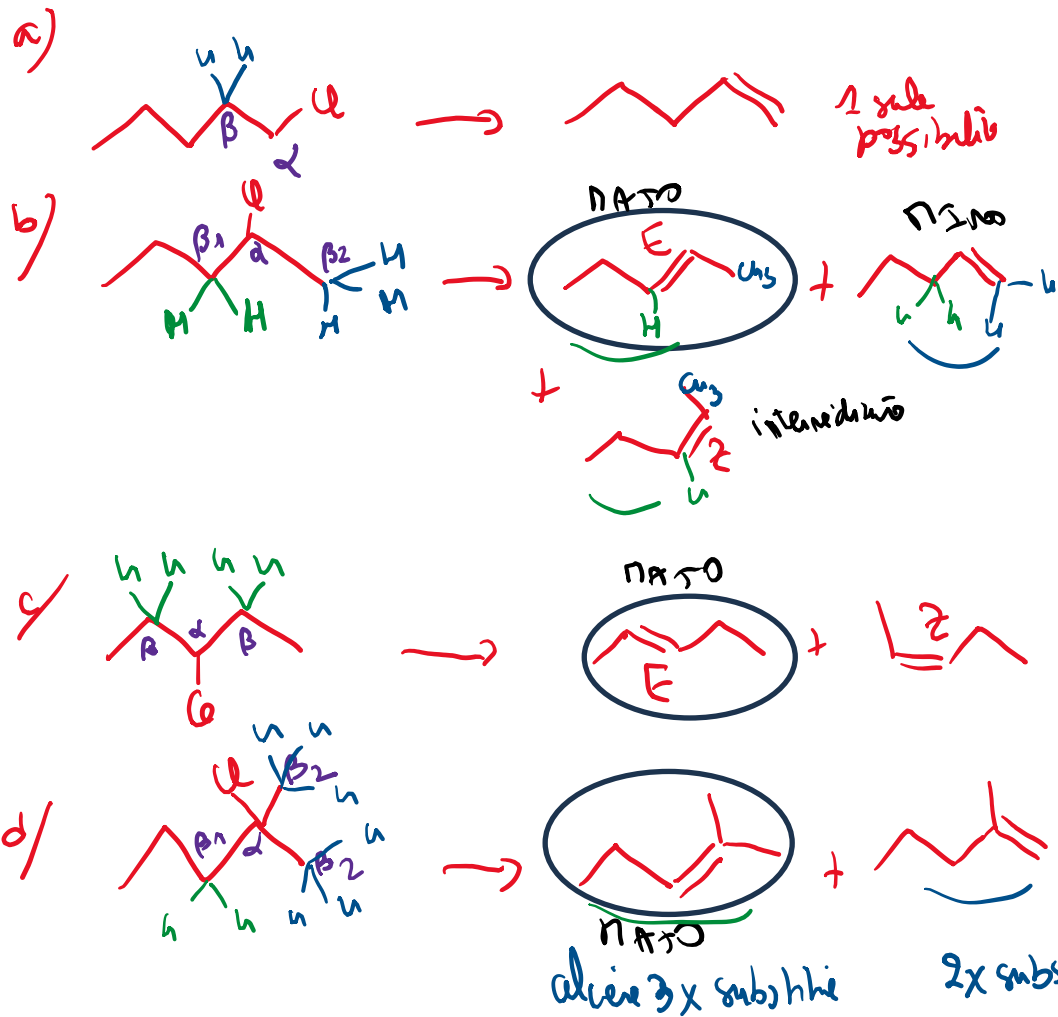


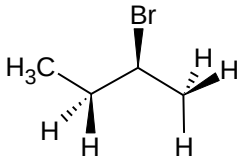
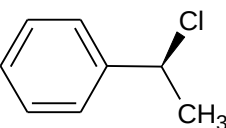
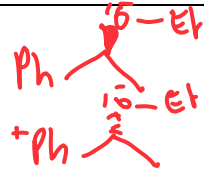
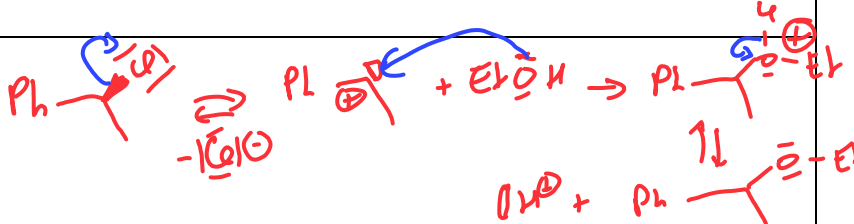
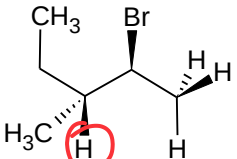
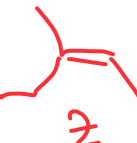
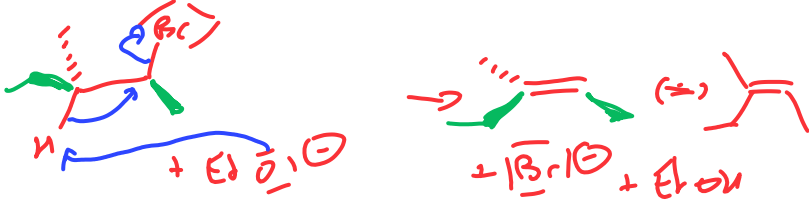
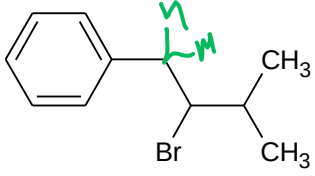
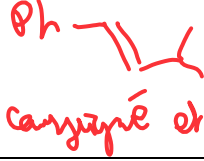
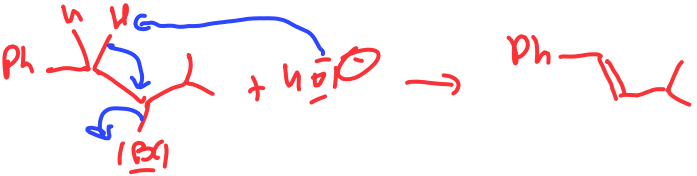
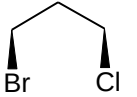
**Exercice 1 :**

- a.  $\text{MeOH}$  vs  $\text{MeO}^-$  : car O est chargé  $^-$   
 b.  $\text{OH}^-$  vs  $\text{NH}_2^-$  : car N est plus polarisable  
 c.  $\text{tBuO}^-$  vs  $\text{CH}_3\text{O}^-$  : car il est plus petit

**Exercice 2 :**



EXERCICE 3 : Remplir le tableau ci-dessous :

| Réactif                                                                             | COP                                                                    | Type de mécanisme<br>Entourez la bonne réponse                                                                                                                                           | Produit                                                                               | Mécanisme                                                                             |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    | $\text{HO}^-$ , Tamb<br>Dans la propanone                              | SN1 <input type="checkbox"/> SN2 <input checked="" type="checkbox"/> E1 <input type="checkbox"/> E2 <input type="checkbox"/><br><i>Handwritten:</i> $\text{HO}^-$ Nu solvant a propanone |    |    |
|    | $\text{EtOH}$ , Tamb                                                   | SN1 <input checked="" type="checkbox"/> SN2 <input type="checkbox"/> E1 <input type="checkbox"/> E2 <input type="checkbox"/><br><i>Handwritten:</i> Très stable                          |    |    |
|    | $\text{EtO}^-$ , $\Delta$                                              | SN1 <input type="checkbox"/> SN2 <input type="checkbox"/> E1 <input type="checkbox"/> E2 <input checked="" type="checkbox"/><br><i>Handwritten:</i> Bonne base                           |    |    |
|   | $\text{HO}^-$ , $\Delta$                                               | SN1 <input type="checkbox"/> SN2 <input type="checkbox"/> E1 <input type="checkbox"/> E2 <input checked="" type="checkbox"/><br><i>Handwritten:</i> Bonne base                           |  |   |
|  | $\text{CN}^-$ en proportion stœchiométrique<br>$\Rightarrow \text{SN}$ | SN1 <input type="checkbox"/> SN2 <input checked="" type="checkbox"/> E1 <input type="checkbox"/> E2 <input type="checkbox"/><br><i>Handwritten:</i> Très possible                        |  |  |

