

Organic Reactions #2

- Specific Situations – addition, substitution, condensation, oxidation, reduction

1. Alkenes to Alcohols

Alkenes to haloalkanes

2. Alcohols to Alkenes

Haloalkanes to alkenes

3. Alcohol to Ether

4. Alcohol to Aldehyde

5. Aldehyde to Alcohol

6. Alcohol to Ketone

7. Ketone to Alcohol

Organic Reactions #3

- Specific Situations

1. Preparing Amines – need halides

2. Aldehydes to Carboxylic Acids

3. Esterification – condensation reactions

4. Amide formation – similarity to esterification

5. Hydrolysis – add water