

# CHEM HELP *ASAP*

## Organic Chemistry Problem Set with Solutions

### Moving Electrons with Arrows

Instructions: The questions below show the transformation of one structure into another. Some of these transformations are chemical reactions, and others are resonance form interconversions. For each transformation, use arrows to show how the electrons have moved. If lone pairs are involved in the reaction, then add those lone pairs so they can be moved by the arrow. As with any transformation, every bond breaking and bond forming change will require a separate arrow to account for electron movement.

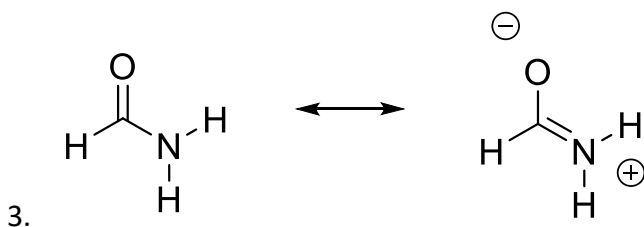
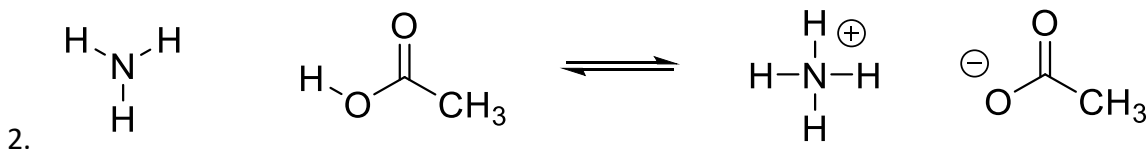
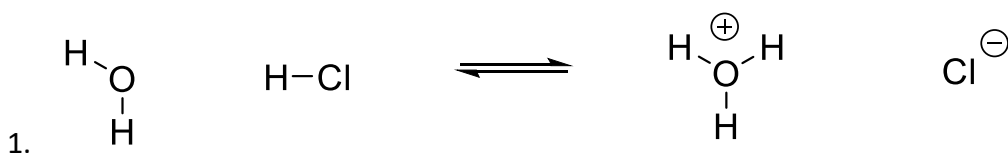
Suggested video:

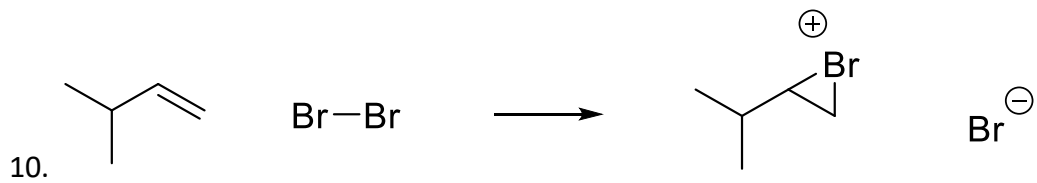
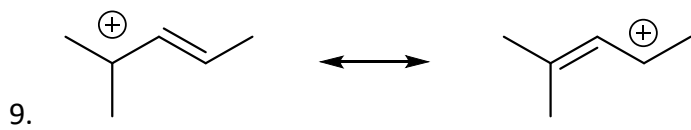
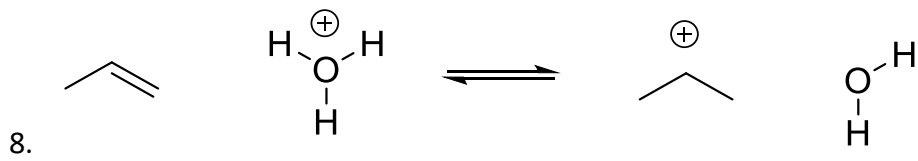
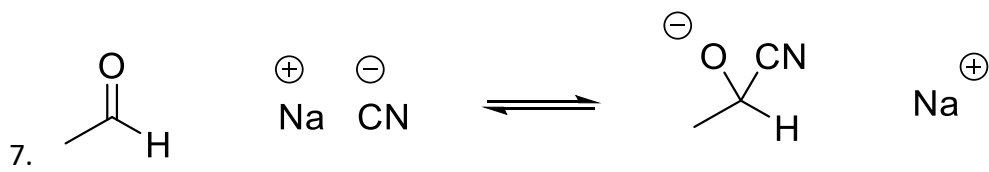
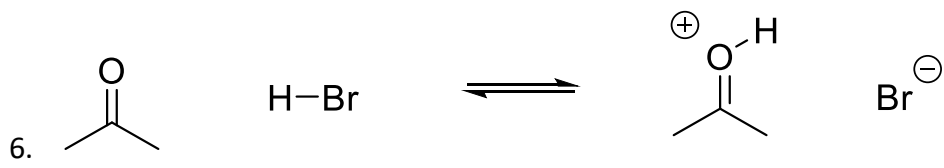
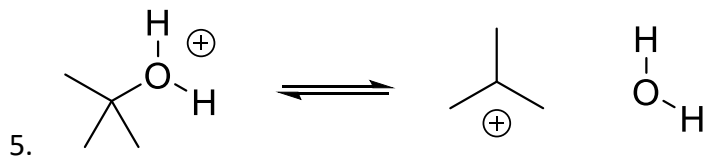
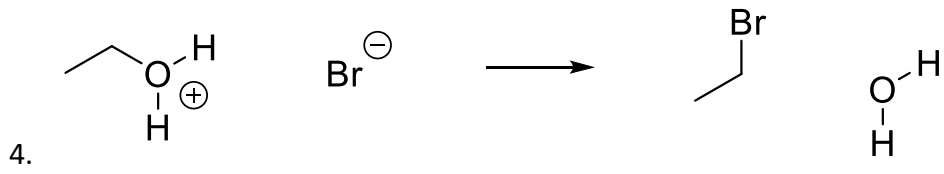
<https://www.youtube.com/watch?v=PKTtjhOUUp3Y&list=PLIzSRqjN72jfpR4AbALbsRCCUzPzrBkeu&index=9>

YouTube video of answered questions:

<https://youtu.be/q55n3Q3bTHg>

Questions





## Solutions

