

## Video Practice for Topic I.11:

### Stability of Cations, Radicals, and Alkenes

*Recommended reading for this topic:*

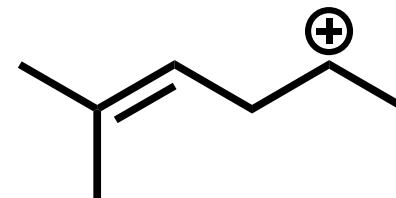
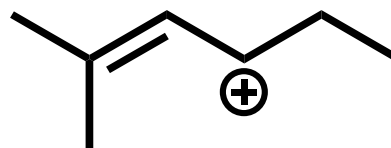
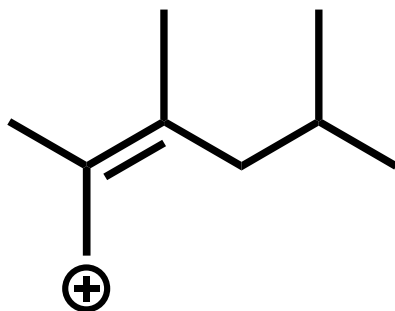
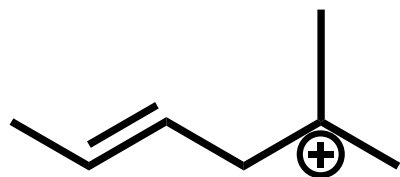
Lesson I.11 in *Organic Chemistry 1 Primer 2018*,  
by Rhett C. Smith, Andrew G. Tennyson and Tania Houjeiry

*Additional Videos and how to match videos to your course text book:*

ProtonGuru.com

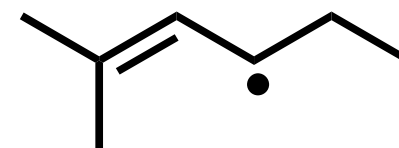
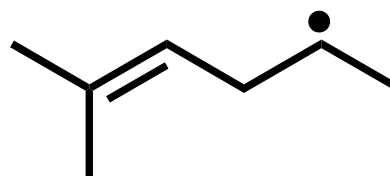
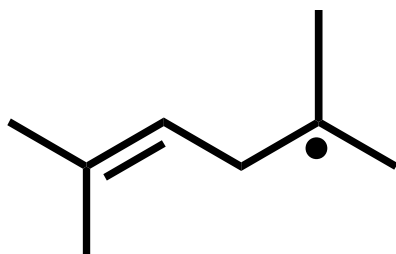
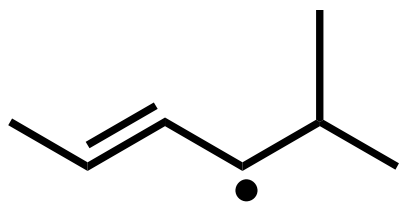
# Stability of Cations, Radicals, and Alkenes

Rank these from most to least stable cation



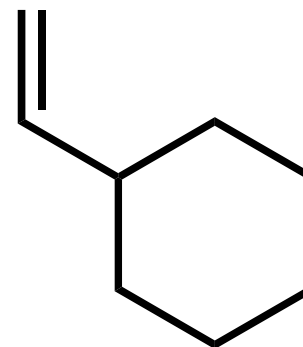
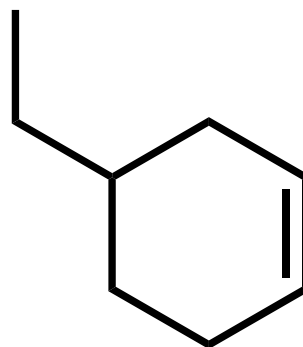
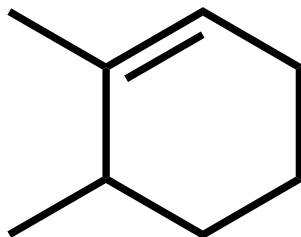
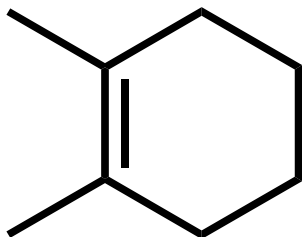
# Stability of Cations, Radicals, and Alkenes

Rank these from most to least stable radical



# Stability of Cations, Radicals, and Alkenes

Rank these from most to least thermodynamically stable alkene



# Stability of Cations, Radicals, and Alkenes

Rank these from highest to lowest heat of hydrogenation.

