

## Answer on Question #42215, Chemistry, Organic Chemistry

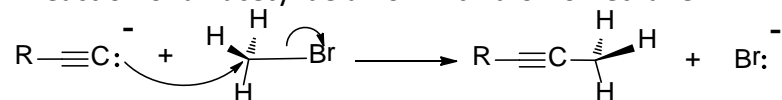
### Question:

Clearly illustrate, using curved arrows, each step of mechanism of the following:

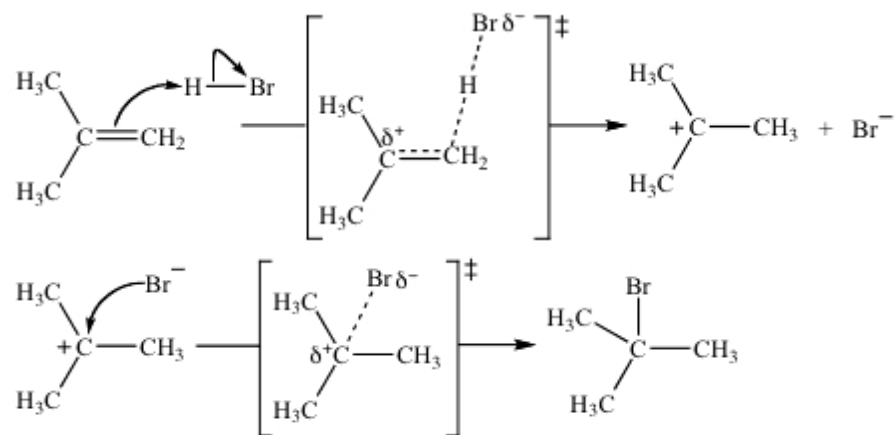
- reaction of an acetylide anion with bromomethane.
- reaction of 2-methylpropene with HBr (ionic mechanism).
- reaction of chloroethane with sodium ethoxide (elimination reaction).

### Answer:

- i. reaction of an acetylide anion with bromomethane



- ii. reaction of 2-methylpropene with HBr (ionic mechanism)



- iii. reaction of chloroethane with sodium ethoxide (elimination reaction)

