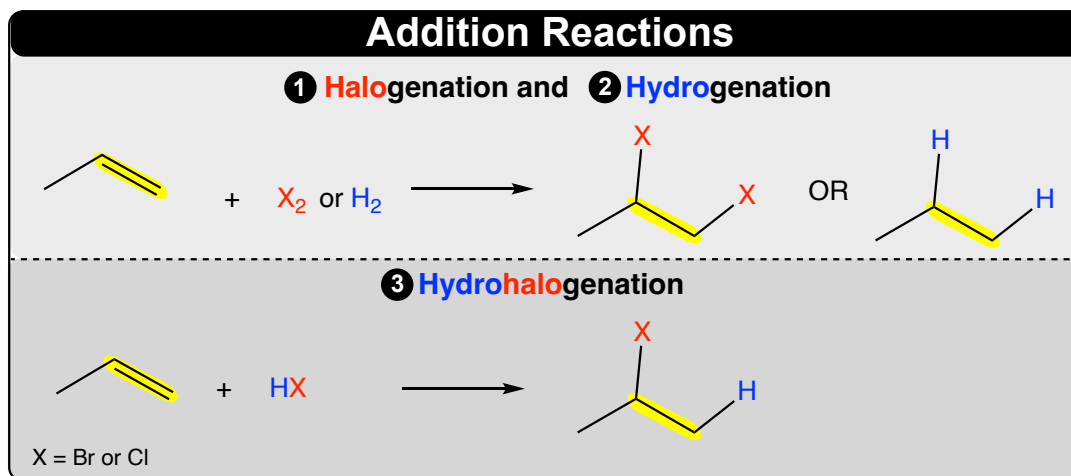


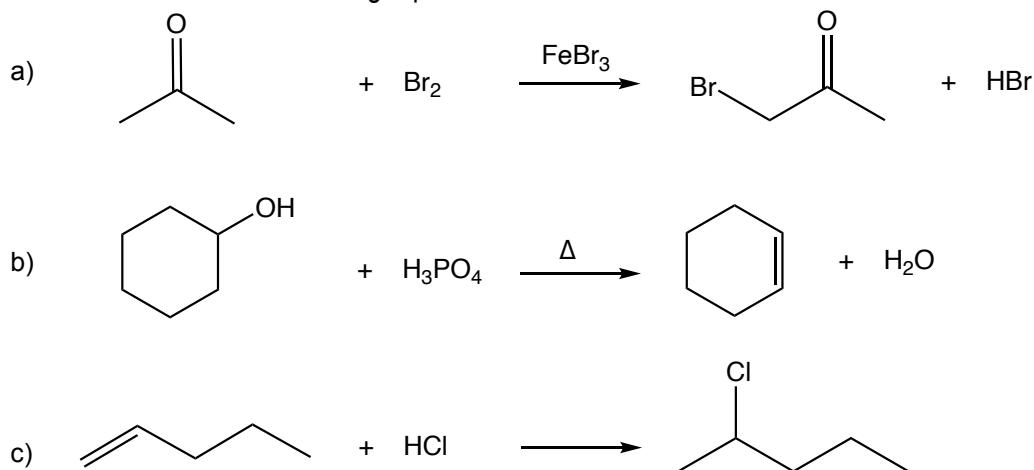
CONCEPT: INTRO TO ADDITION REACTIONS

- Alkenes and alkynes undergo _____ reactions.
 - Addition Reaction:** addition of atoms to _____, results in double or triple bond _____.
 - _____ bond(s) are broken, new _____ bonds are formed.
- There are _____ major types of addition reactions: (1) Halogenation, (2) Hydrogenation, (3) Hydrohalogenation.



- _____ of reagent needed for every π bond.
 - Double bond = _____ σ & _____ π bond(s)
 - Triple bond = _____ σ & _____ π bond(s).

EXAMPLE: Which of the following represents an addition reaction?



PRACTICE: How many moles of reagent are needed for the addition of the following alkyne?

