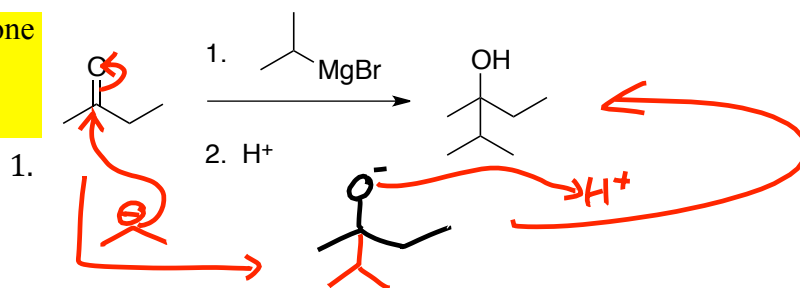


Draw Mechanisms for the Following Reactions

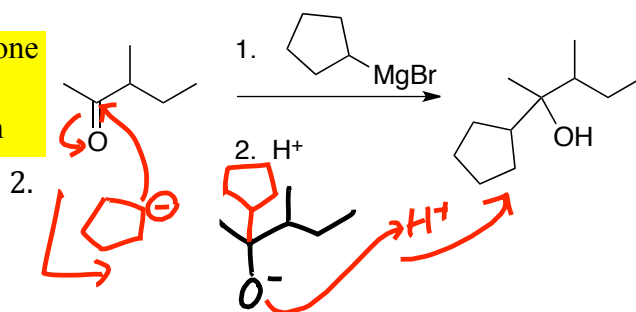
RMgBr + Ketone

1. Addition
2. Protonation



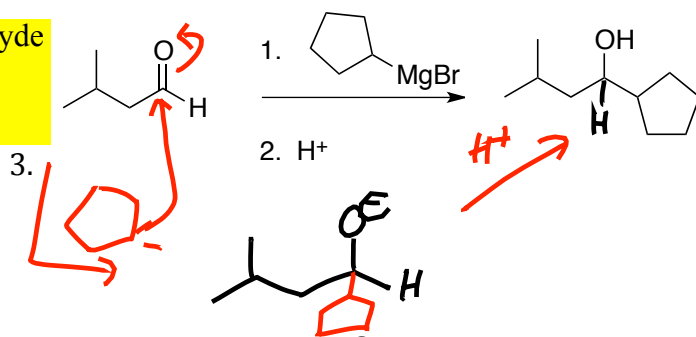
RMgBr + Ketone

1. Addition
2. Protonation



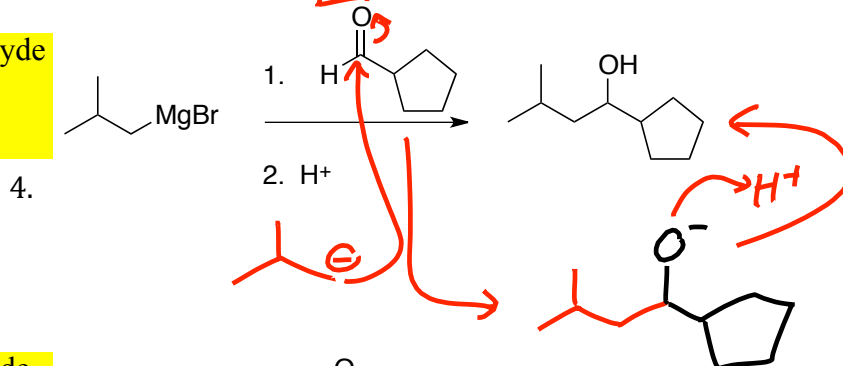
RMgBr + Aldehyde

1. Addition
2. Protonation



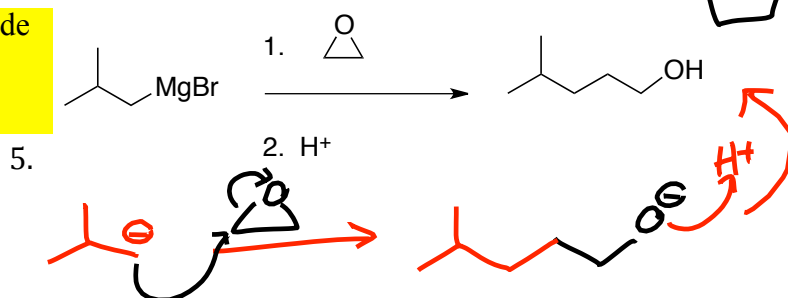
RMgBr + Aldehyde

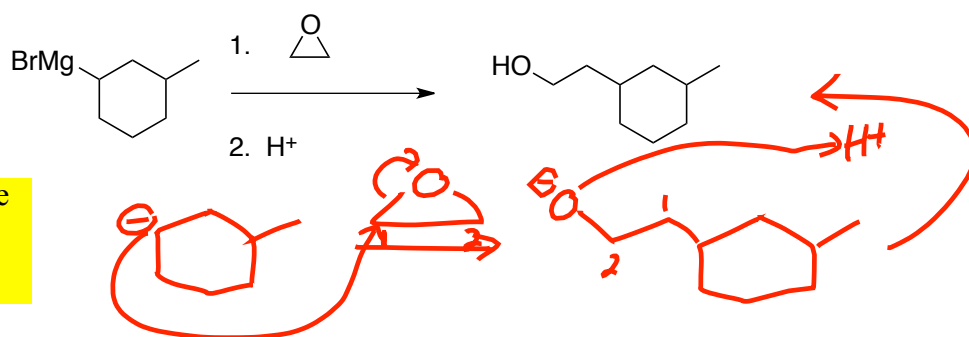
1. Addition
2. Protonation



RMgBr + Epoxide

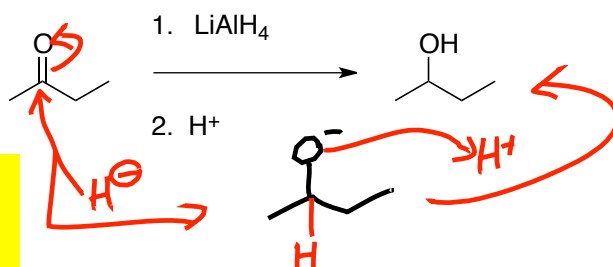
1. Addition
2. Protonation





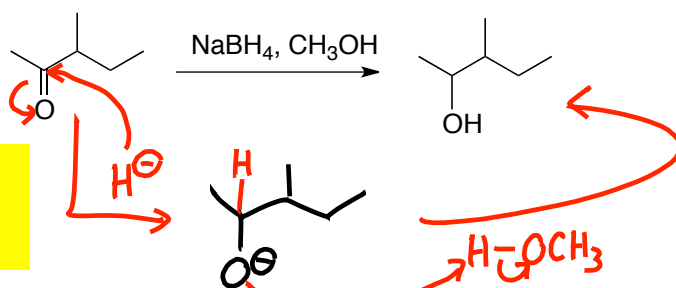
RMgBr + Epoxide

1. Addition
2. Protonation



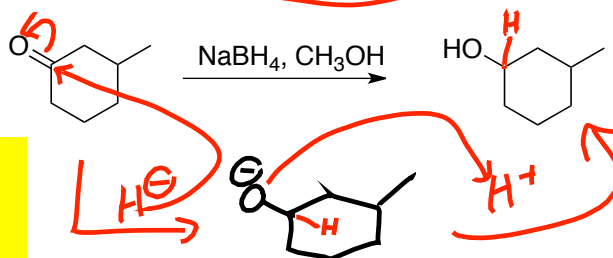
Ketone + LiAlH4

1. Addition
2. Protonation



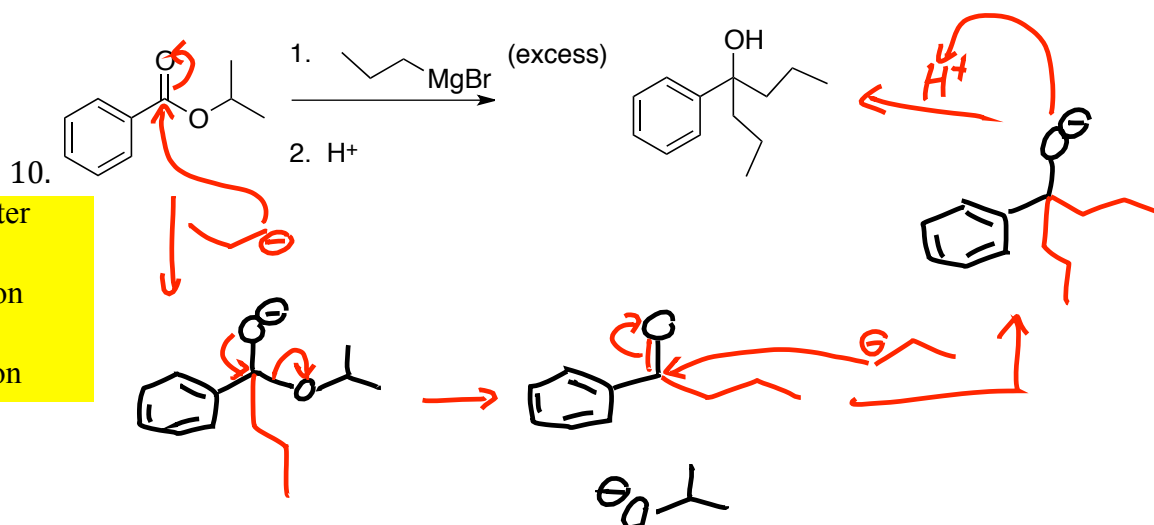
Ketone + NaBH4

1. Addition
2. Protonation



Ketone + NaBH4

1. Addition
2. Protonation



RMgBr + Ester

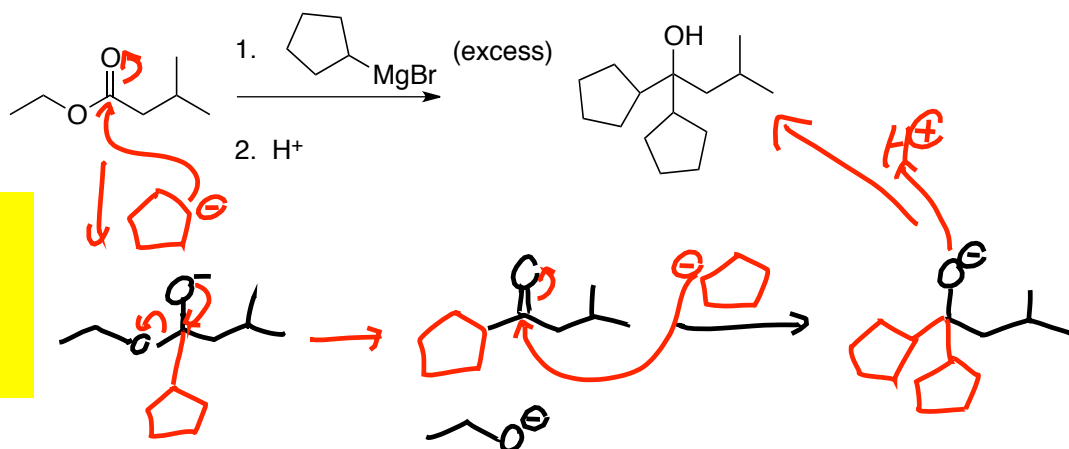
1. Addition
2. Elimination
3. Addition
4. Protonation

W
M
T
W

11.

RMgBr + Ester

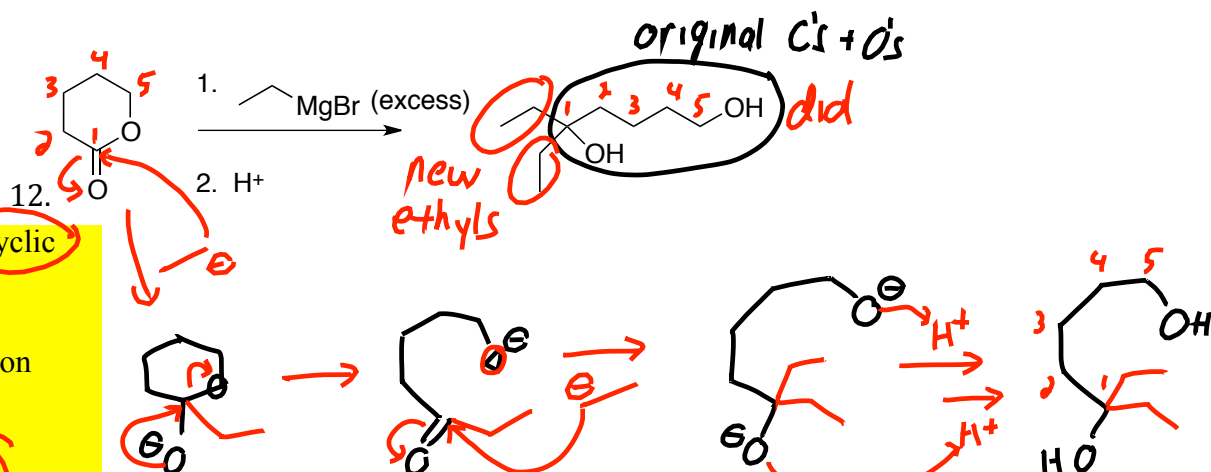
1. Addition
2. Elimination
3. Addition
4. Protonation



12.

RMgBr + Cyclic Ester

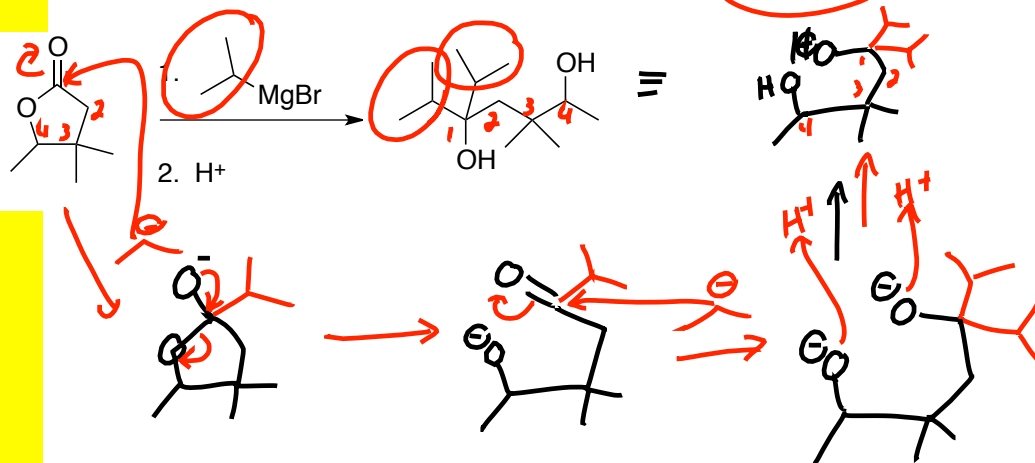
1. Addition
2. Elimination
3. Addition
4. Double Protonation



13.

RMgBr + Cyclic Ester

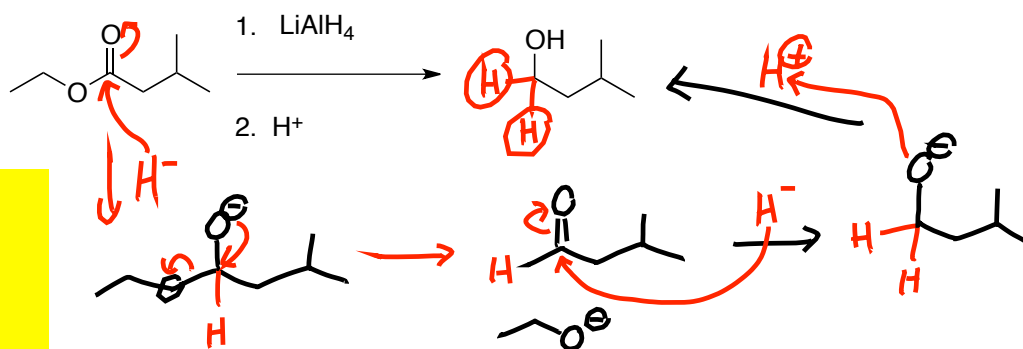
1. Addition
2. Elimination
3. Addition
4. Double Protonation



14.

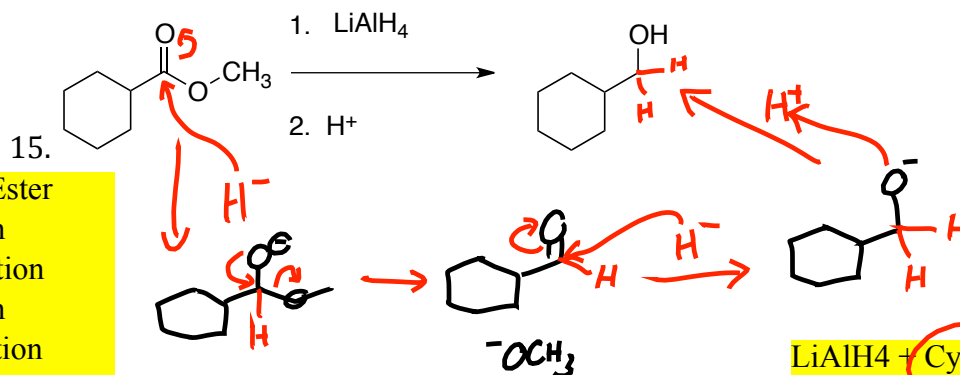
LiAlH₄ + Ester

1. Addition
2. Elimination
3. Addition
4. Protonation



W
M
T
W

W
M
T
W

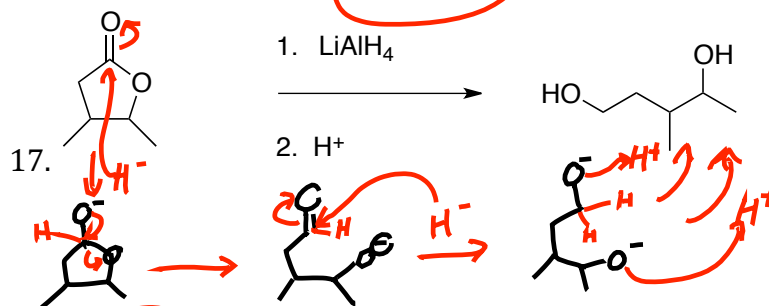
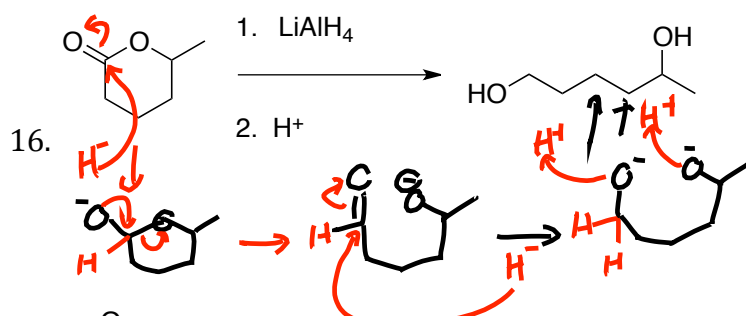


LiAlH₄ + Ester

1. Addition
2. Elimination
3. Addition
4. Protonation

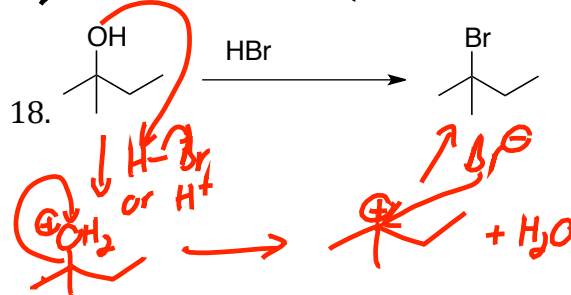
LiAlH₄ + Cyclic Ester

1. Addition
2. Elimination
3. Addition
4. Double Protonation



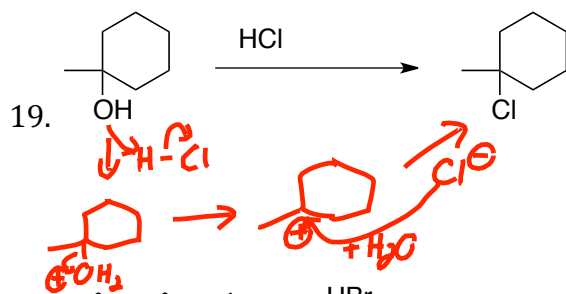
LiAlH₄ + Cyclic Ester

1. Addition
2. Elimination
3. Addition
4. Double Protonation



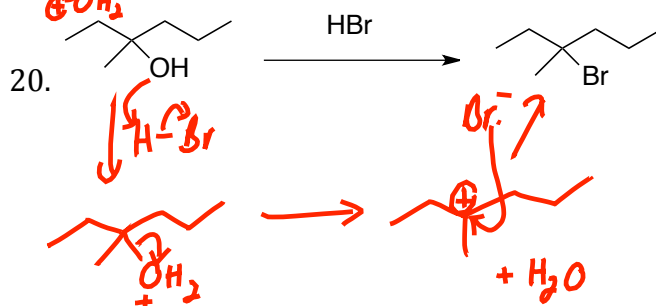
Tert Alcohol + HX to RX

1. Protonate
2. Loss of H₂O
3. Add halide



Tert Alcohol + HX to RX

1. Protonate
2. Loss of H₂O
3. Add halide



Tert Alcohol + HX to RX

1. Protonate
2. Loss of H₂O
3. Add halide

