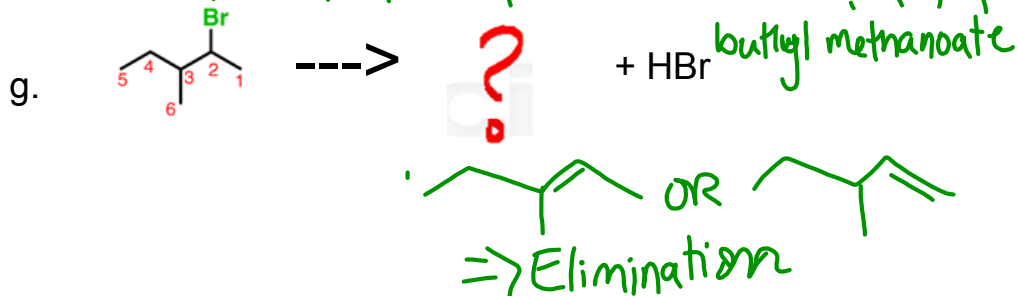
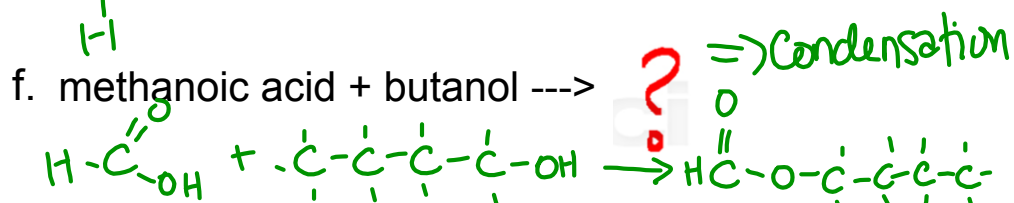
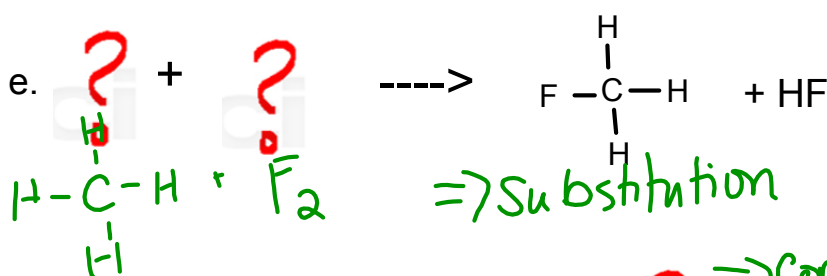
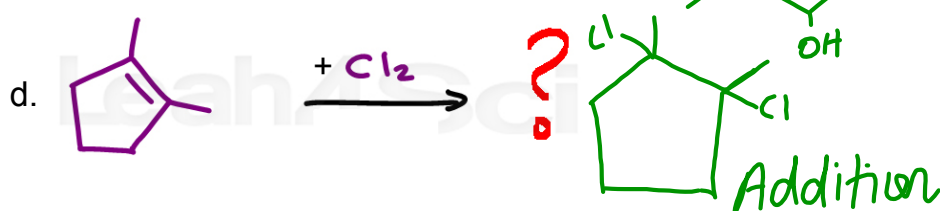
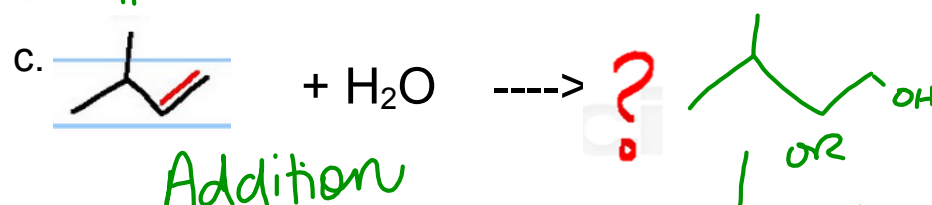
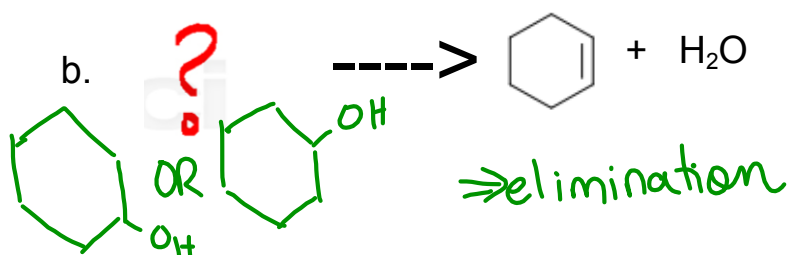
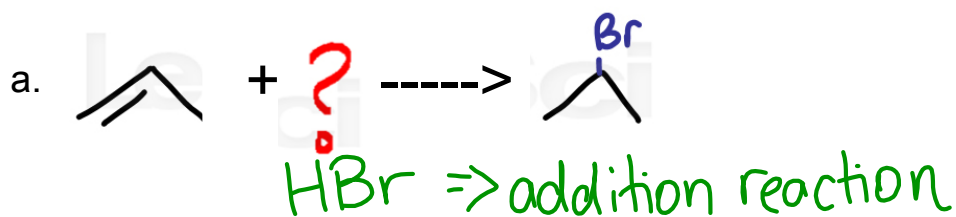


3.4 Extra Practice KEY

1. Identify the type of reaction present and fill in the missing reactant(s) or product(s).



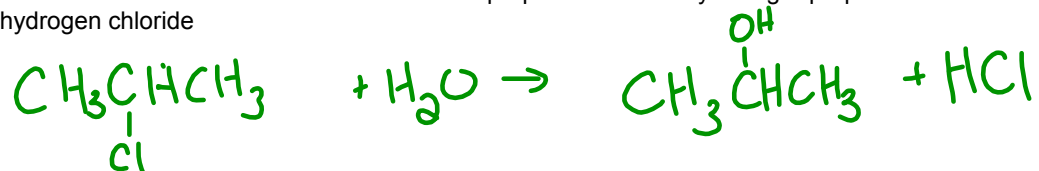
3.4 Extra Practice KEY Cont!

2. Classify the following organic reaction:

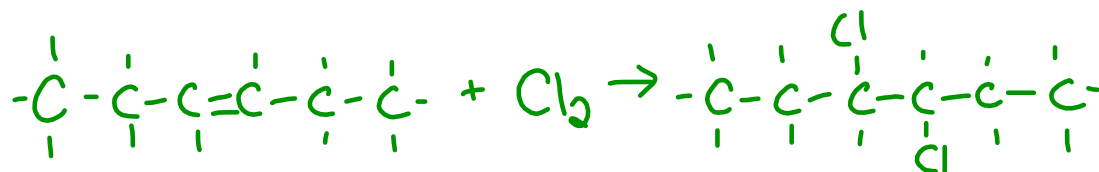
cyclobutene + water \rightarrow cyclobutanolAddition

3. Use structural formulas to write equations for the following reactions:

a. The substitution reaction between 2-chloropropane and water yielding 2-propanol and hydrogen chloride



b. the addition reaction between 3-hexene and chlorine yielding 3,4-dichlorohexane



c. the condensation reaction between ethanol and propanoic acid

