Notes on Road Map Problems

Chapter 6 is in red
Chapter 7 is in blue
Chapter 8 is in light green
Chapter 9 is in gold
Chapter 10 is in magenta
Chapter 11 is in dark green

Legends to Road Map
(A) Markovnikov addition
(B) Anti-addition
(C) Anti-Markovnikov addition
(D) Syn-addition
(E) Works well for CH$_3$ and 1º alkyl halides
(F) Cis-alkenes as products
(G) Trans-alkenes as products
(H) Reactivity of C-H bonds follows 3º > 2º > 1º
(I) Works for CH$_3$, 1º, and 2º alkyl halides
(J) Works for 2º and 3º alkyl halides, may see rearrangements
(K) Works for all alkyl halides except CH$_3$, and the X and H to be eliminated must be anti-periplanar
(L) PBr$_3$ and SOX$_2$ works on Me, 1º, and 2º R-X’s, HX can give rearrangements
(M) For primary alcohols
(N) For secondary alcohols

In the problem in chapter 9, tell them to use table 9.1
In chapter 6 problem tell them not to use reaction 10
In chapter 7 problem tell them not to use reaction 4, 5, 6, and 10
In chapter 8 problem tell them not to use reaction 3
In chapter 9 problem tell them not to use entry 7 of table 9.1, and not to use reaction 3 and 5
In chapter 10, do not use rxns 1, 2, 7, 12 and 13
In chapter 11 do not use rxns 2, 8, and 12