Addition to Alkenes: Regiochemistry & Stereochemistry

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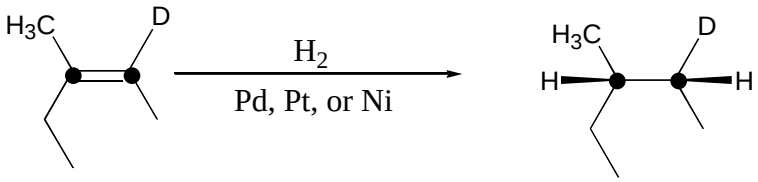
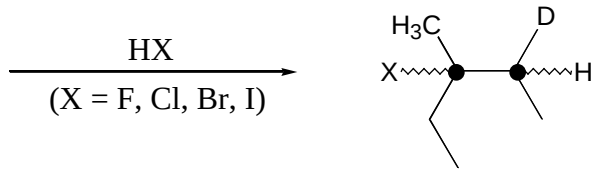
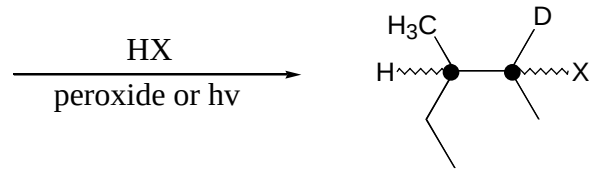
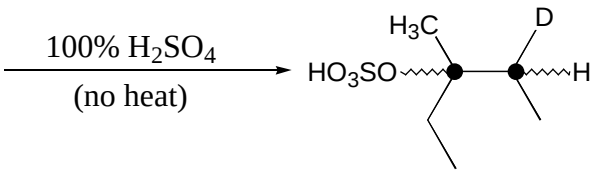
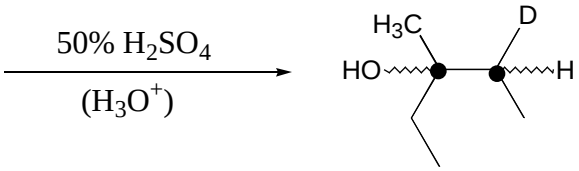
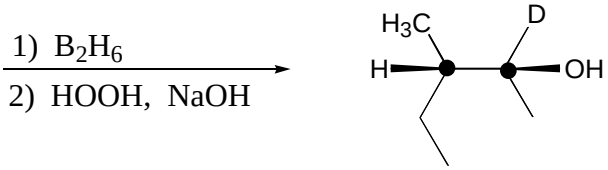
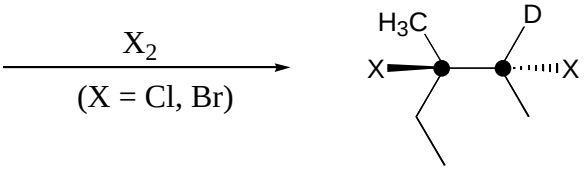
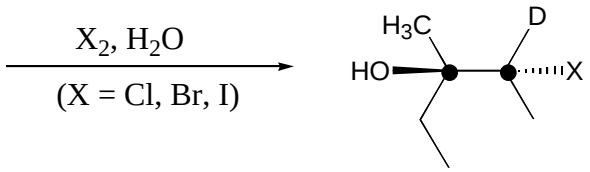
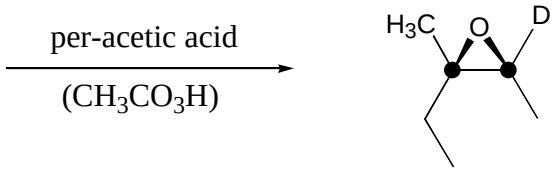
		Regiochem.	Stereochem.
Hydrogenation (6.1)		n.a.	***syn***
Hydrogen Halide Add. (6.4)		**Mark.**	mixed
Free-Radical Hydrogen Halide Add. (6.8)		**Anti-Mark.**	mixed
Sulfuric Acid Add. (6.9)		**Mark.**	mixed
Acid-Cat. Hydration (6.10)		**Mark.**	mixed
Hydroboration Oxidation (6.11)		**Anti-Mark.**	***syn***
Alkene Halogenation (6.14)		n.a.	***anti***
Halohydrin Formation (6.17)		**Mark.**	***anti***
Epoxidation (6.18)		n.a.	***syn***

NOTES: ***** Only Free-Rad. HX and Hydrobor.Oxid. have **Anti-Mark.** regiochem.
***** All reactions involving acids give mixed stereochem.
***** Only reactions involving X_2 give ***anti*** stereochem.