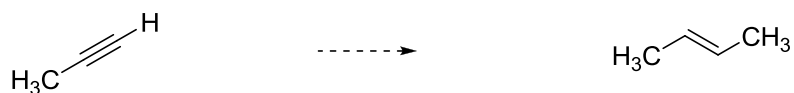
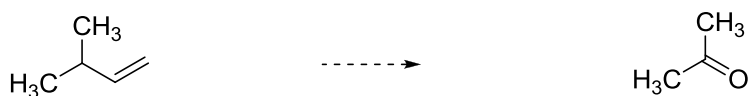
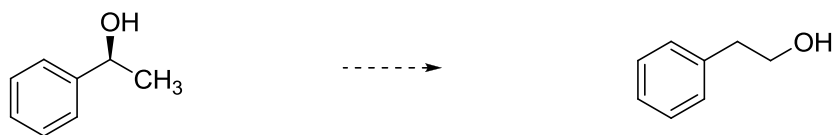
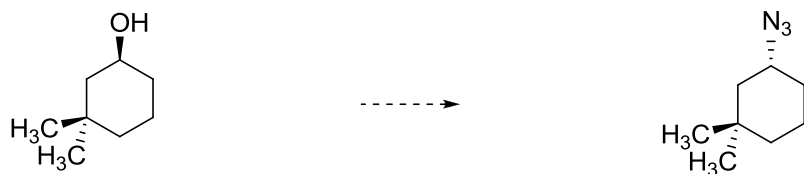
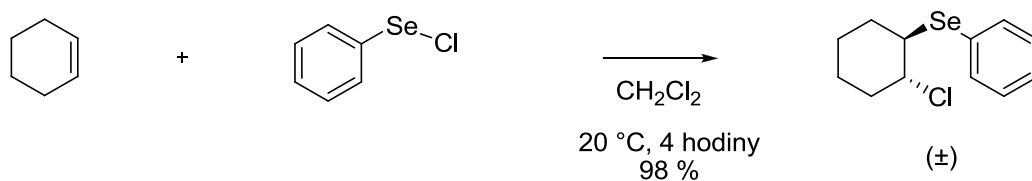


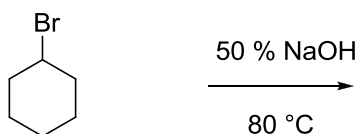
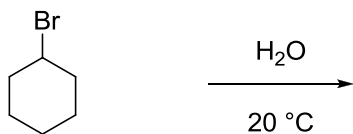
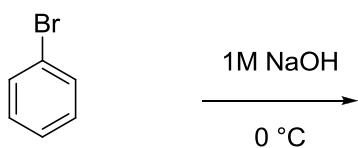
1. Navrhňte syntézu:



2. Navrhňte mechanismus reakce cyklohexenu s fenylselenyl chloridem v dichlormethanu (vzpomeňte například na bromaci nebo oxymerkuraci alkenů). Vysvětlete stereochemický průběh:



3. Napište produkty reakcí (vzpomeňte, co víte o substituci a eliminaci; budou všechny výchozí látky reagovat?):



4. Napište podmínky pro následující transformace:

