## CONCEPT: RADICAL SYNTHESIS

**EXAMPLE:** Provide the MAJOR product for the following multi-step syntheses

a.



1. $Br_2$ / hv

2. LDA

3. HBr / ROOR

4. NaOEt

b.



1. HCl

2. t-BuOK

3. $Cl_2$, $H_2O$

4. NaOH