

5. How will you convert benzene into n-propyl benzene?
 A) Friedel-Crafts Alkylation
 B) Friedel-Crafts Acylation
 C) Friedel-Crafts Alkylation followed by clemmensen reduction
 D) Friedel-Crafts Acylation followed by clemmensen reduction
6. What do you use to create a tertiary alcohol using the Grignard reaction?
 A) A ketone
 B) An aldehyde
 C) An alcohol
 D) A carboxylic acid
7. Which of the following compounds gives a primary alcohol upon reaction with phenylmagnesium bromide?
 A) 2-methyloxirane
 B) ethylene oxide
 C) ethyl formate
 D) carbon dioxide
8. A Gilman reagent is...
 A) R_2CuLi , B) RLi , C) R_2Zn , D) $RMgBr$
9. Which of the following predominantly gives the conjugate addition product with pent-3-en-2-one?
 A) $PhMgBr$, B) $PhLi$, C) Ph_2CuLi , D) CH_3MgI
- 10) Which gives about 1:1 *p*- and *m*-methylanilines as the main products when treated with sodium amide in liquid ammonia?

