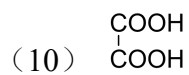
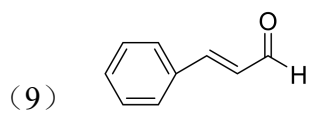
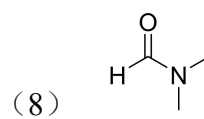
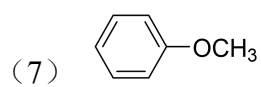
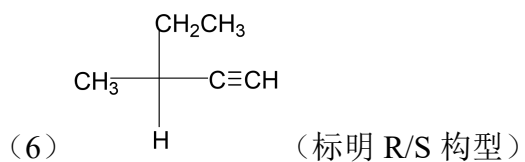
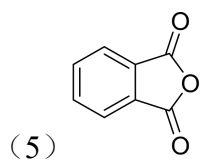
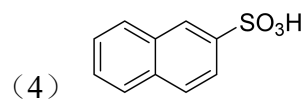
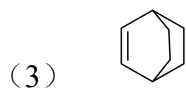
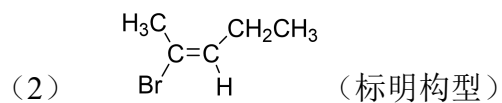
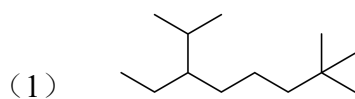


练习题（二）

一、命名下列化合物



二、写出下列化合物的结构式

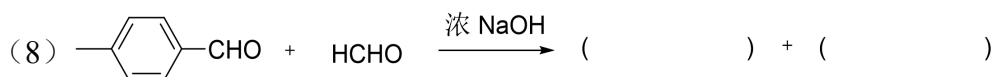
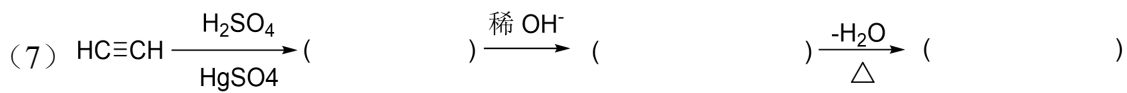
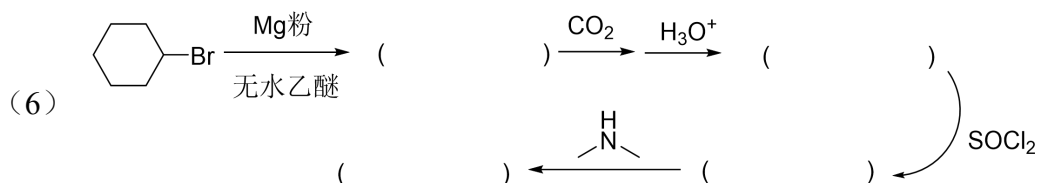
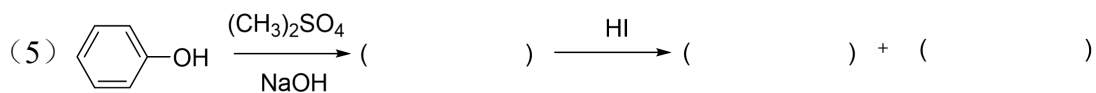
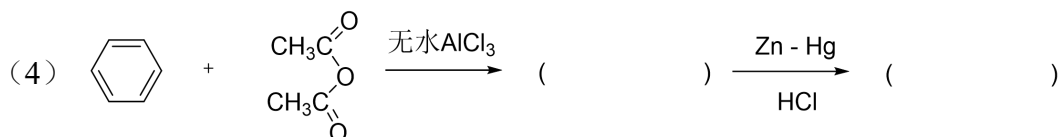
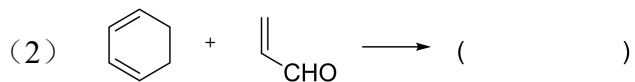
(1) 碘仿

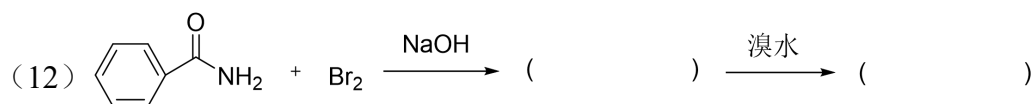
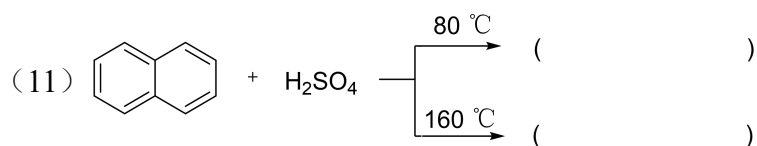
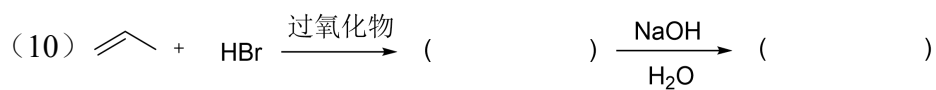
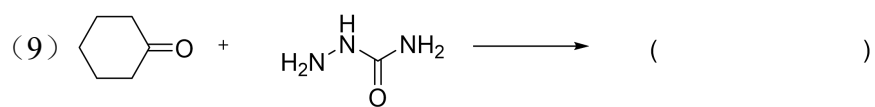
(2) 甘油

(3) 水杨酸

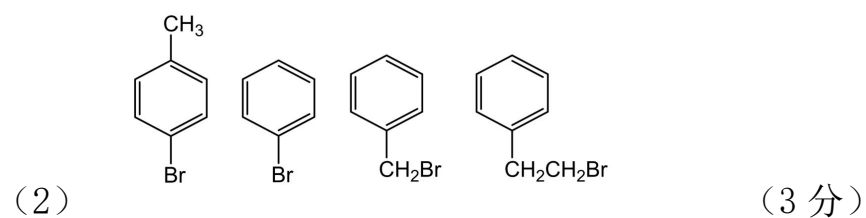
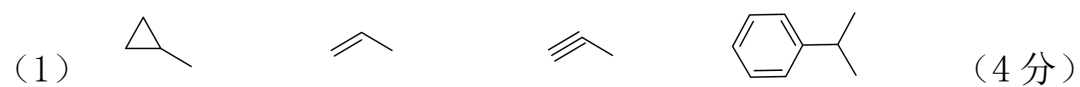
(4) 乙酰苯胺

三、完成下列化学反应



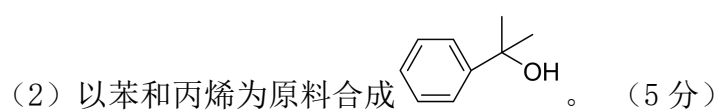
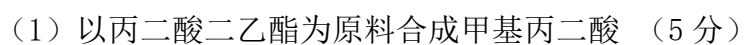
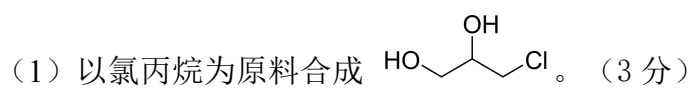


四、用化学方法鉴别下列各组化合物





五、用指定原料合成下列化合物（无机试剂、催化剂、有机溶剂任选）



六、推断结构式（共 7 分）

某化合物 A 分子式为 $C_5H_{12}O$ ，经 $K_2Cr_2O_7/H^+$ 氧化可得化合物 B ($C_5H_{10}O$)，B 可与碘的氢氧化钠溶液共热产生黄色沉淀；A 与浓硫酸共热可得化合物 C (C_5H_{10})，C 经 $KMnO_4/H^+$ 氧化得到丙酮和乙酸。试推断 A、B 和 C 的构造式，并写出各步反应式。