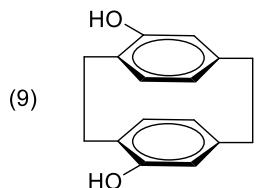
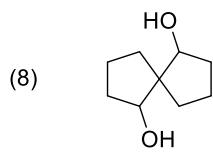
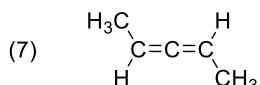
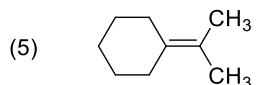
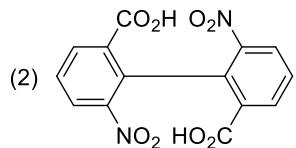
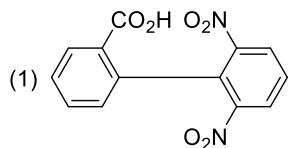


第五次作业答案

P84

13. 下列化合物中哪些能拆分成对映异构体?



解答:

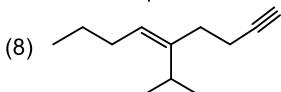
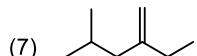
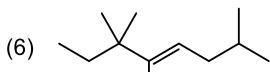
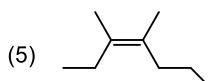
(1) 不能 (2) 能 (5) 不能

(7) 能 (8) 能 (9) 能

P122

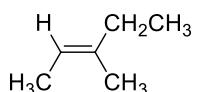
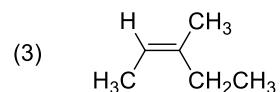
3. 命名下列化合物, 如有顺反异构体则写出构型式, 并标以 Z, E。

(1) $(CH_3)_2C=CHCH(CH_3)CH_2CH_2CH_3$ (3) $CH_3CH=C(CH_3)C_2H_5$



解答:

(1) 2,4-二甲基-2-庚烯



(Z)

(E)

(5) (Z) -3,4-二甲基-3-庚烯

(6) (E) -2,5,6,6-四甲基-4-辛烯

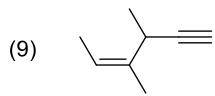
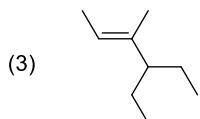
(7) 2-乙基-4-甲基-1-戊烯

(8) (Z) -5-异丙基-5-壬烯-1-炔

4. 写出下列化合物的构造式（键线式）。



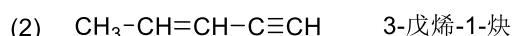
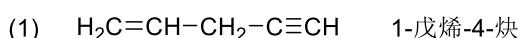
解答：



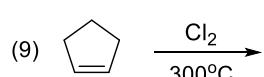
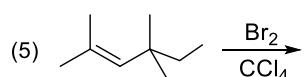
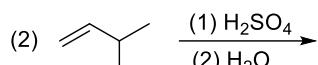
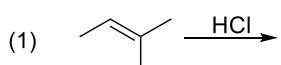
5. 写出下列化合物的结构式，并用系统命名法命名。



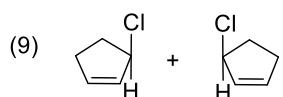
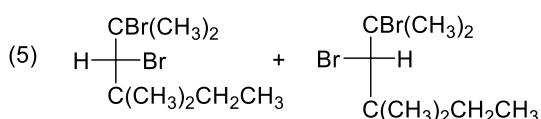
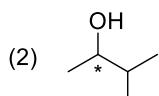
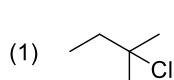
解答：



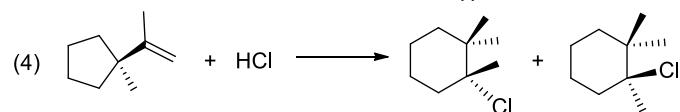
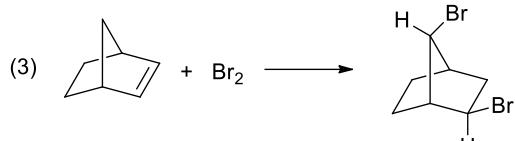
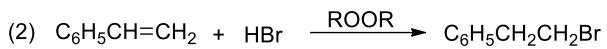
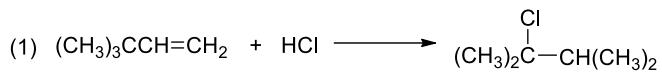
6. 完成下列烯烃的反应，有立体化学的请标注。



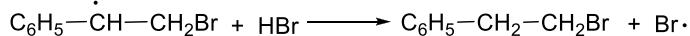
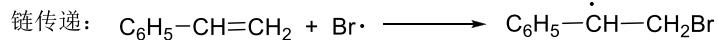
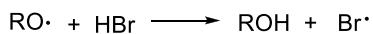
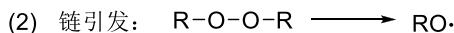
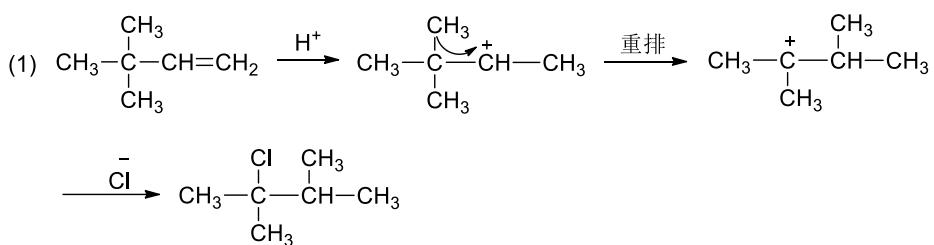
解答：反应产物的结构或构型如下：



21. 给下列转变提出合理的机理。



解答:



.....

链终止: (省略)

