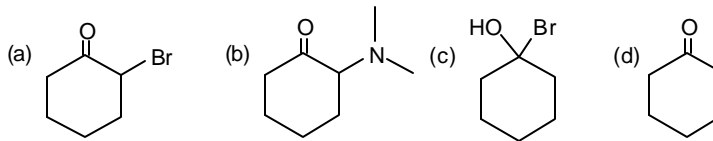
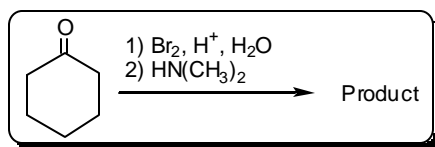


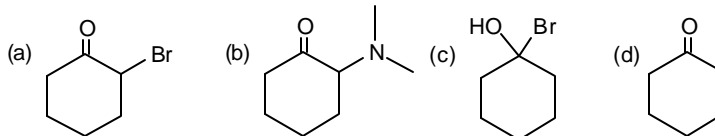
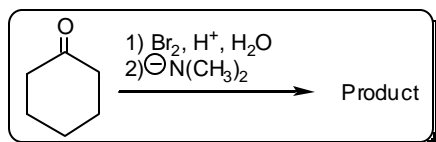


4. What could be the major product for the following reaction? (b)



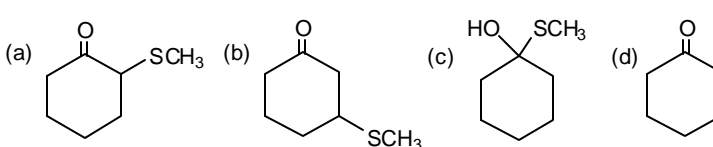
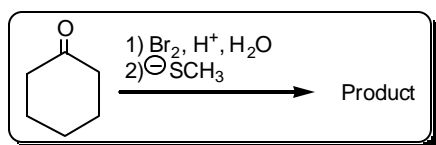
(e) none of the above

5. What could be the major product for the following reaction? (d)



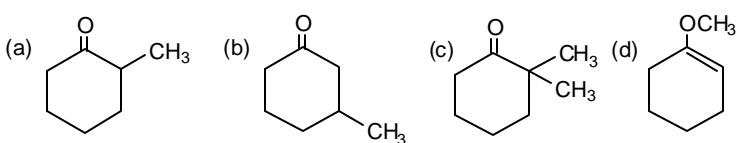
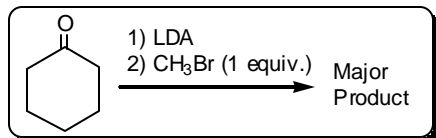
(e) none of the above

6. What could be the major product for the following reaction? (a)



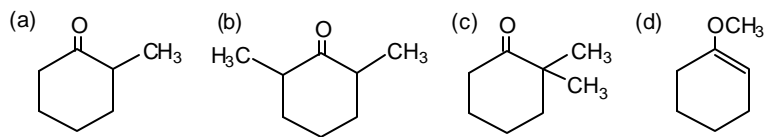
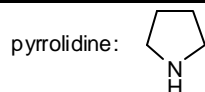
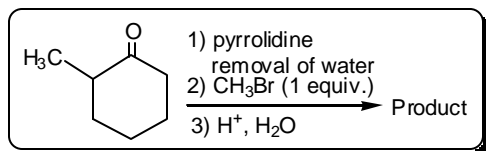
(e) none of the above

7. What could be the major product for the following reaction? (a)



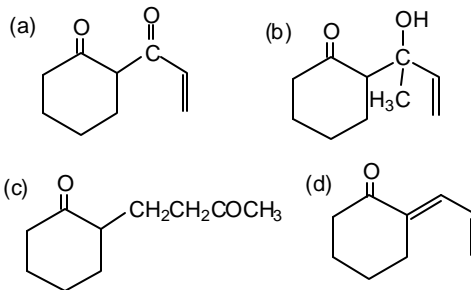
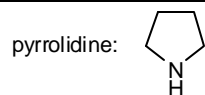
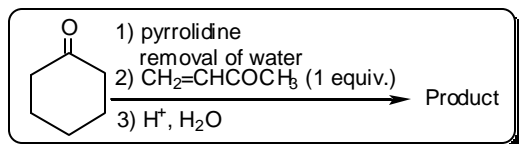
(e) none of the above

8. What could be the major product for the following reaction? (b)



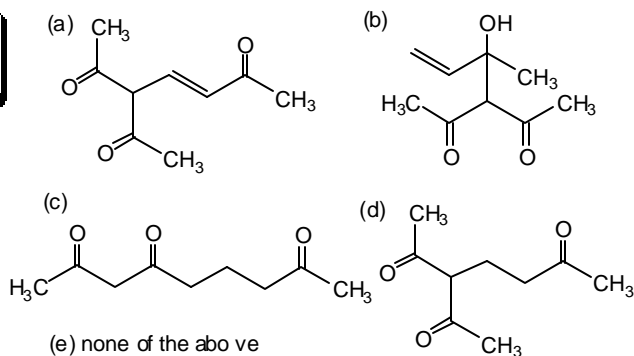
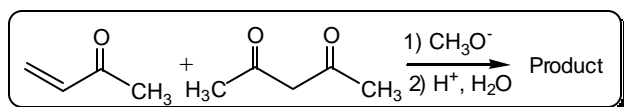
(e) none of the above

9. What could be the major product for the following reaction? (c)

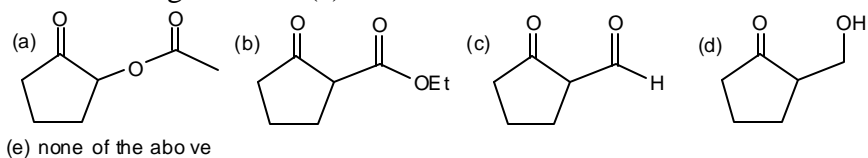
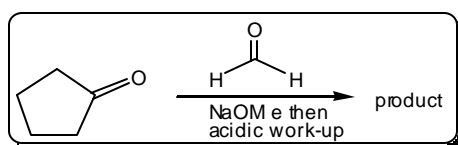


(e) none of the above

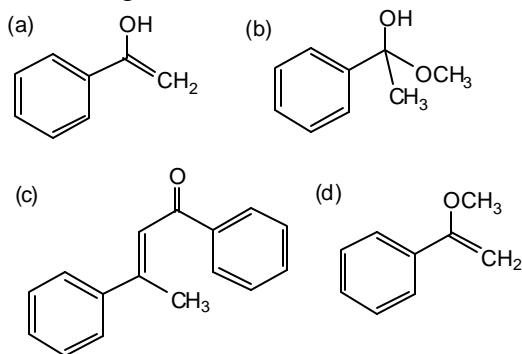
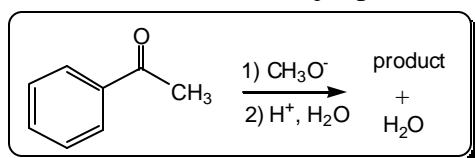
10. What could be the major product for the following reaction? (d)



11. What could be the major product for the following reaction? (d)

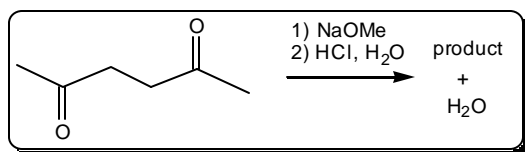


12. What could be the major product for the following reaction? (c)



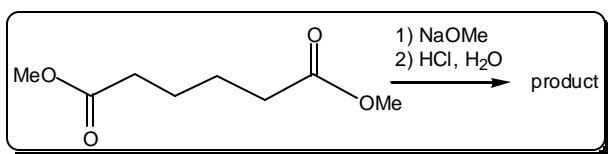
(e) None of the above

13. What could be the major product for the following reaction? (c)



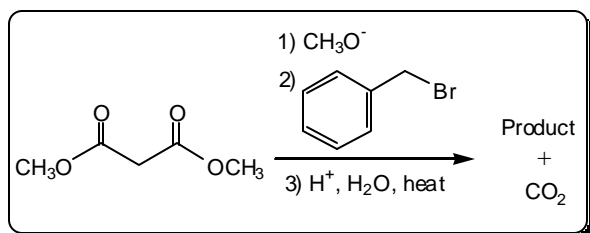
- (a) (b) (c) (d)   
 (e) none of the above

14. What could be the major product for the following reaction? (b)



- (a) (b) (c) (d)   
 (e) none of the above

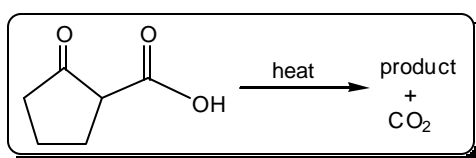
15. What could be the major product for the following reaction? (d)



- (a) (b)   
 (c) (d)

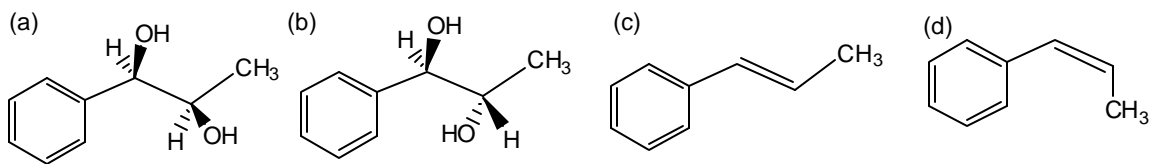
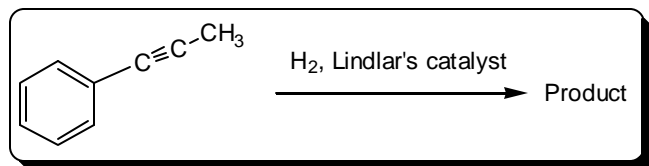
(e) none of the above

16. What could be the major product for the following reaction? (c)



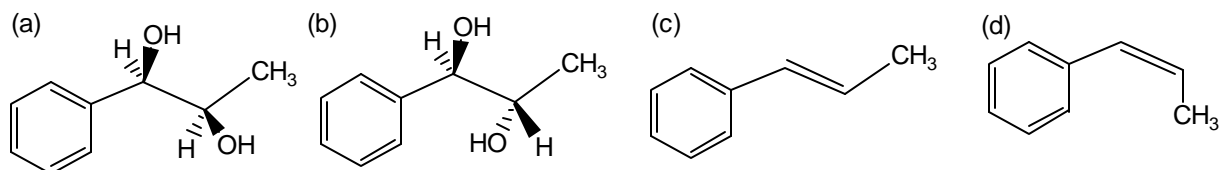
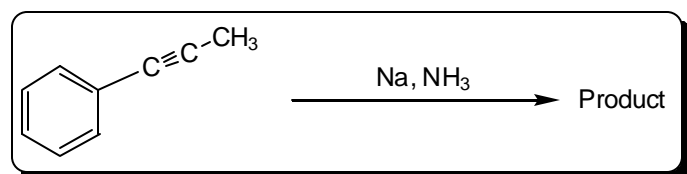
- (a) (b) (c) (d)   
 (e) none of the above

17. What could be the major product for the following reaction? (d)



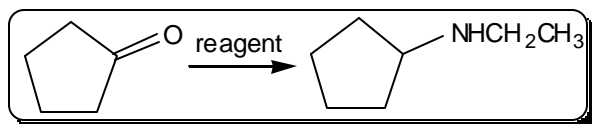
(e) none of the above

18. What could be the major product for the following reaction? (c)



(e) none of the above

19. What could be the reagent for the following reaction? (b)



(a)  $\text{H}_2\text{NEt}$  then  $\text{H}_2\text{CrO}_4$

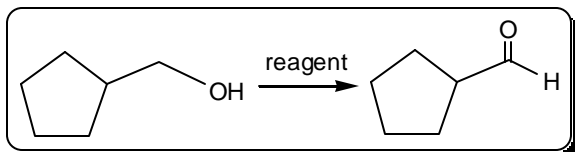
(b)  $\text{H}_2\text{NEt}$  then  $\text{H}_2, \text{Pd}$

(c)  $\text{H}_2\text{NEt}$  then mCPBA

(d)  $\text{H}_2\text{NEt}$  then  $\text{CH}_3\text{MgBr}$

(e) none of the above

20. What could be the best reagent for the following reaction? (c)



(a)  $\text{H}_2\text{CrO}_4$

(b)  $\text{K}_2\text{Cr}_2\text{O}_7$

(c) PCC in anhydrous  $\text{CH}_2\text{Cl}_2$

(d) PCC in water-containing solvent

(e) none of the above