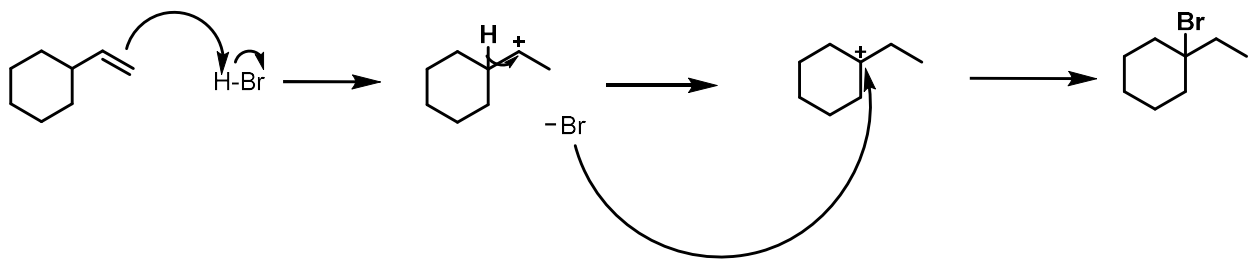
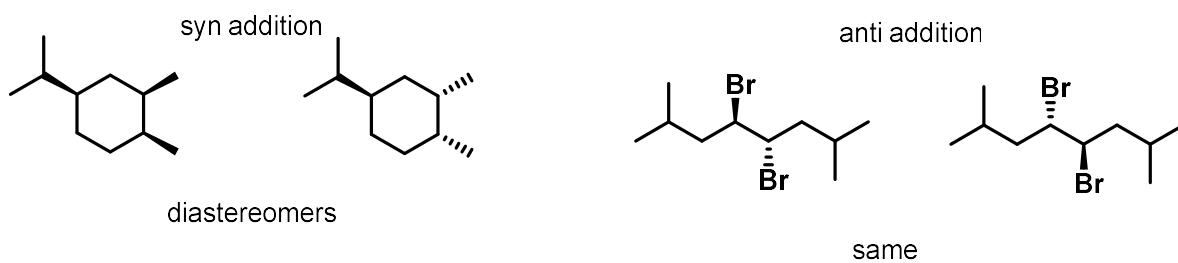


White exam:

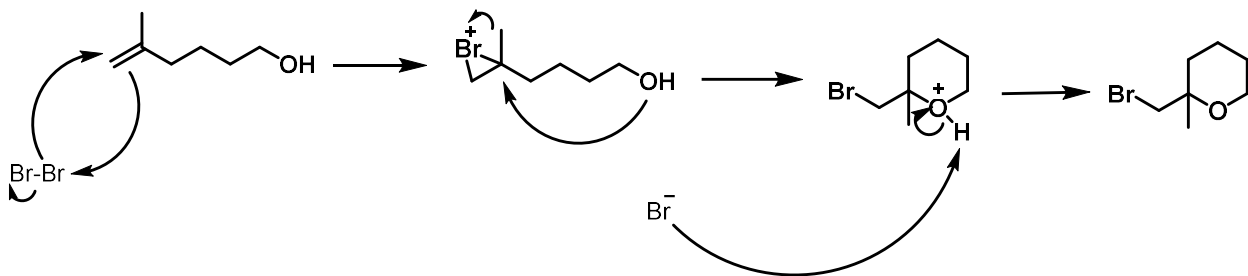
1. A and C
2. D
3. C
4. D
5. E
6. D
7. C
8. B and E
9. C
10. D
11. A and C
12. E
13. C
14. E
15. A
16. B and E
- 17.



18.



19.



20. MCPBA

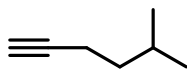
BH₃, NaOH/H₂O₂

Br₂, H₂O

21. Exergonic, three, two, first step

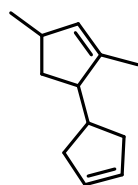
22. 3, 4, 1, 2

23.

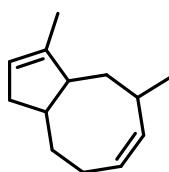
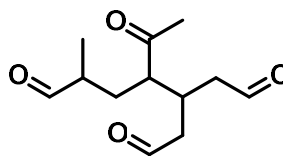


5-methylhexyne

24.

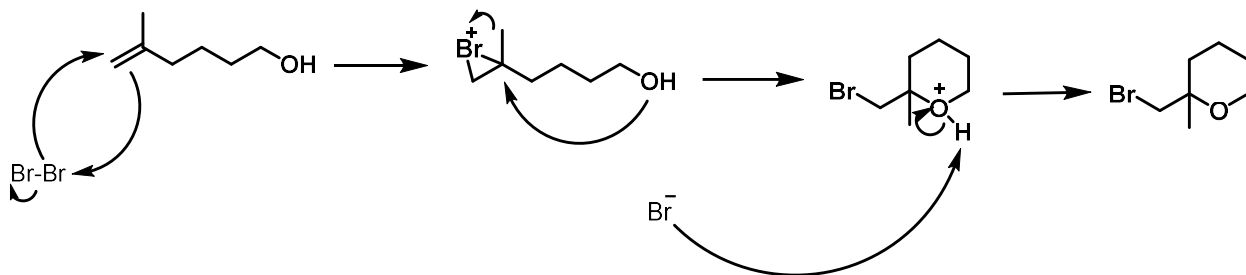


$O_3, (CH_3)_2S$



Blue exam:

1. E
2. C
3. E
4. C
5. D
6. A and C
7. A
8. B and E
9. D
10. E
11. D
12. A and C
13. D
14. C
15. C
16. B and E
- 17.



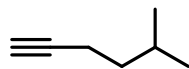
18. MCPBA

BH₃, NaOH/H₂O₂

Br₂, H₂O

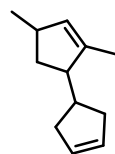
19. 3, 4, 1, 2

20.

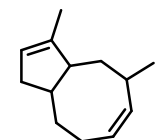
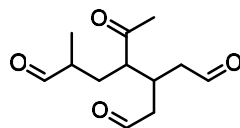


5-methylhexyne

21.

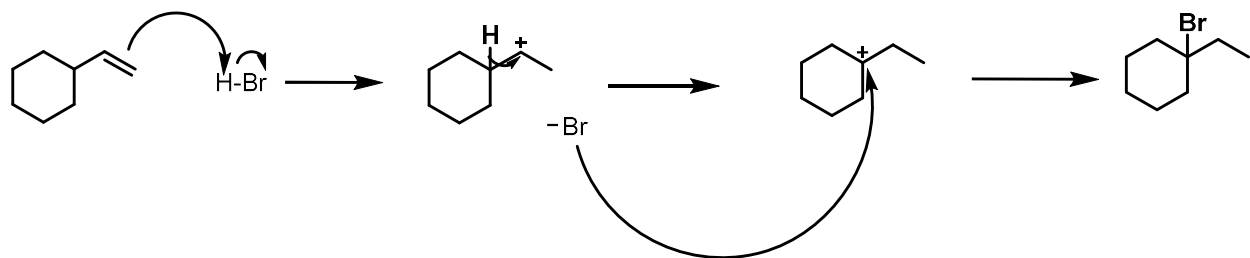


O₃, (CH₃)₂S



22. Exergonic, three, two, first step

23.



24.

