

1. B

2. C

3. E

4. D

5. ~~E~~

6. D

7. ~~E~~

8. D

9. C

10. E

11. ~~A~~

12. A

13. D

14. D

15. B

16. B

17. E

18. D

19. A

20. ~~A~~

21. B

22. A

23. B

24. ~~B~~

25. ~~D~~

26. C

27. E

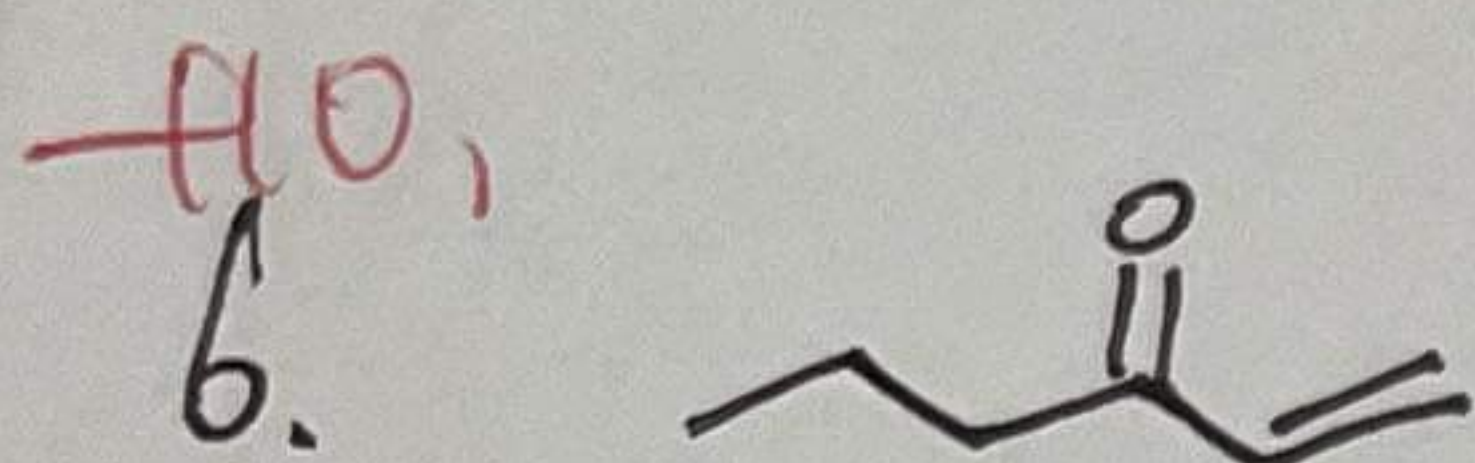
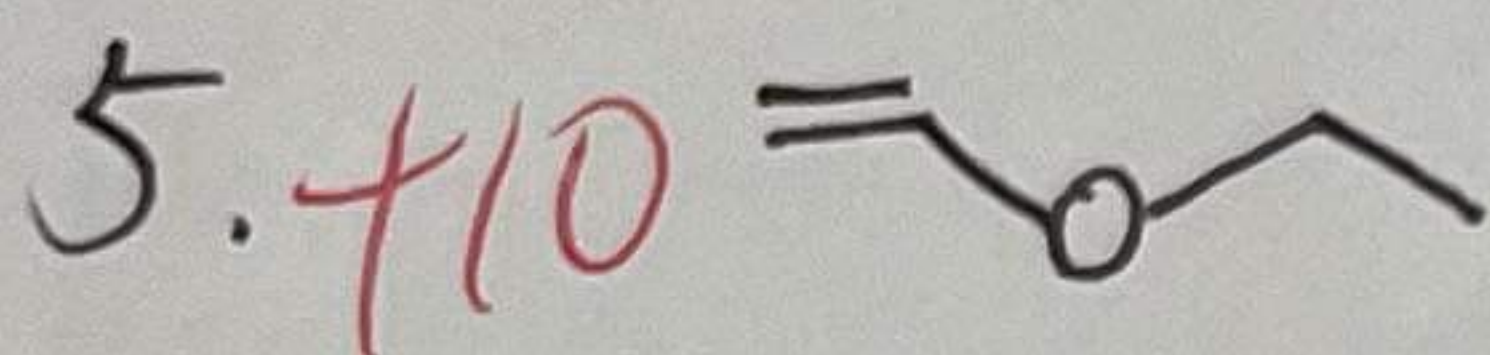
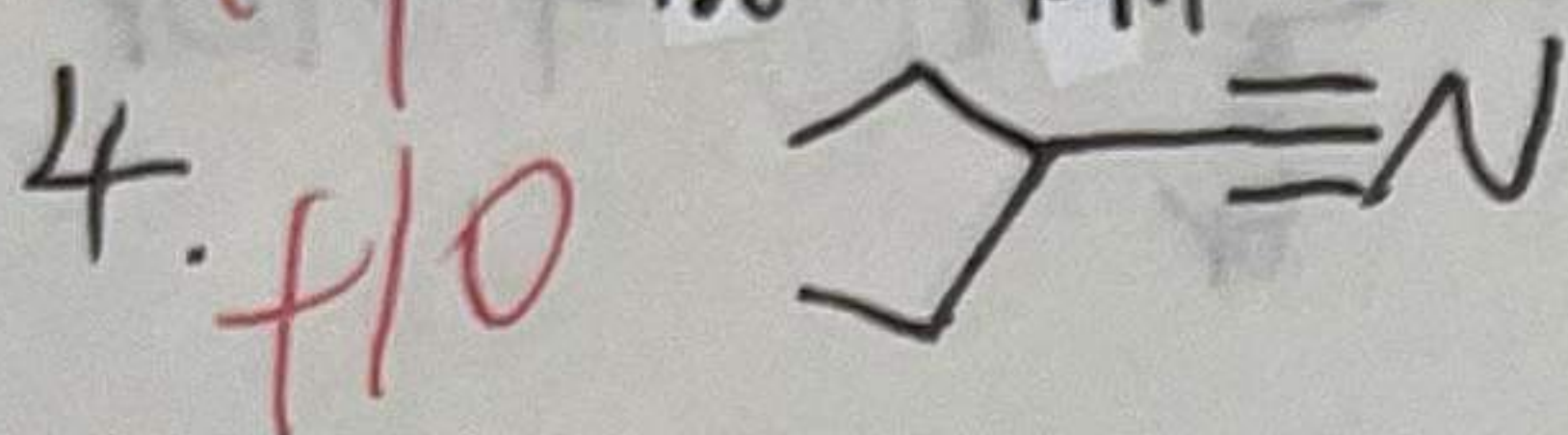
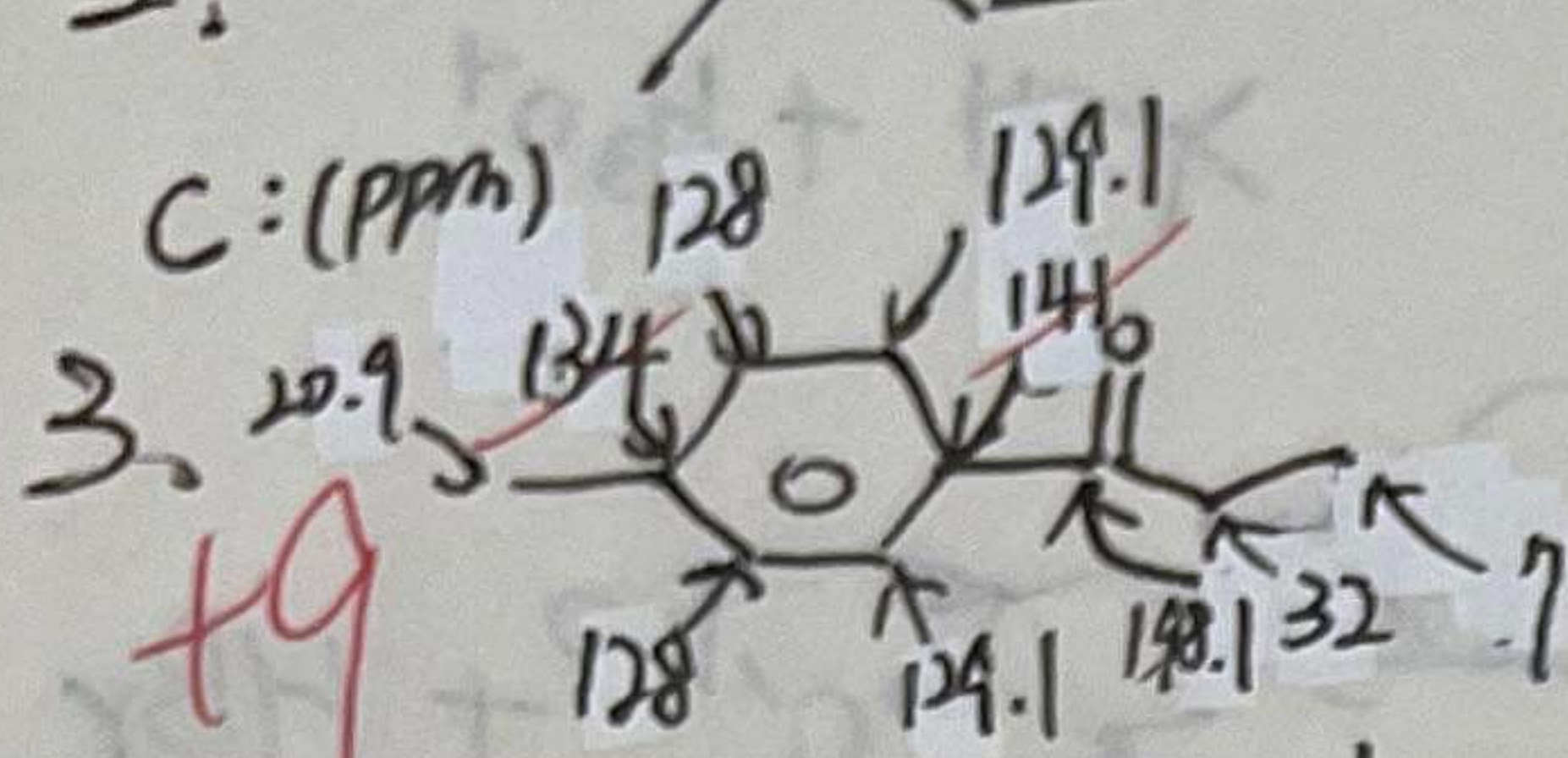
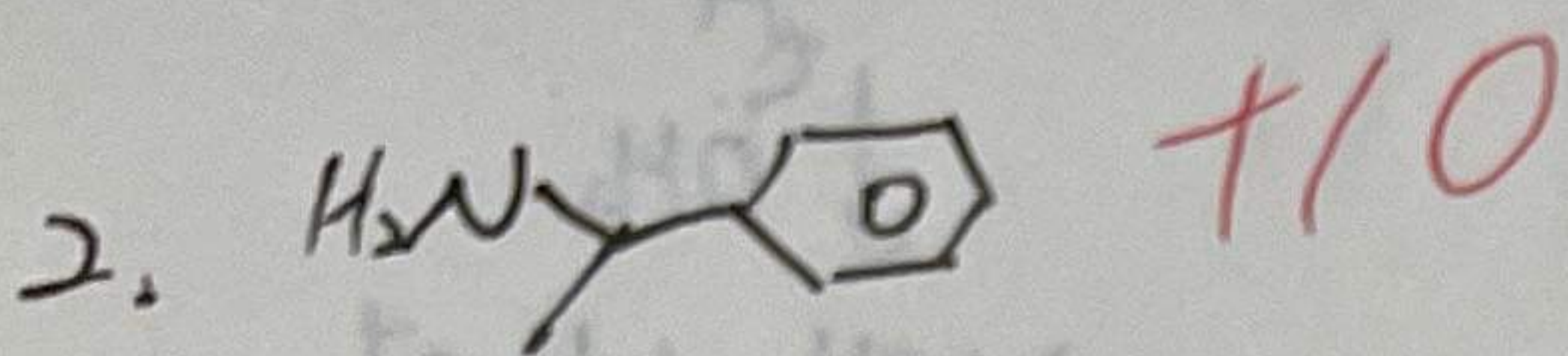
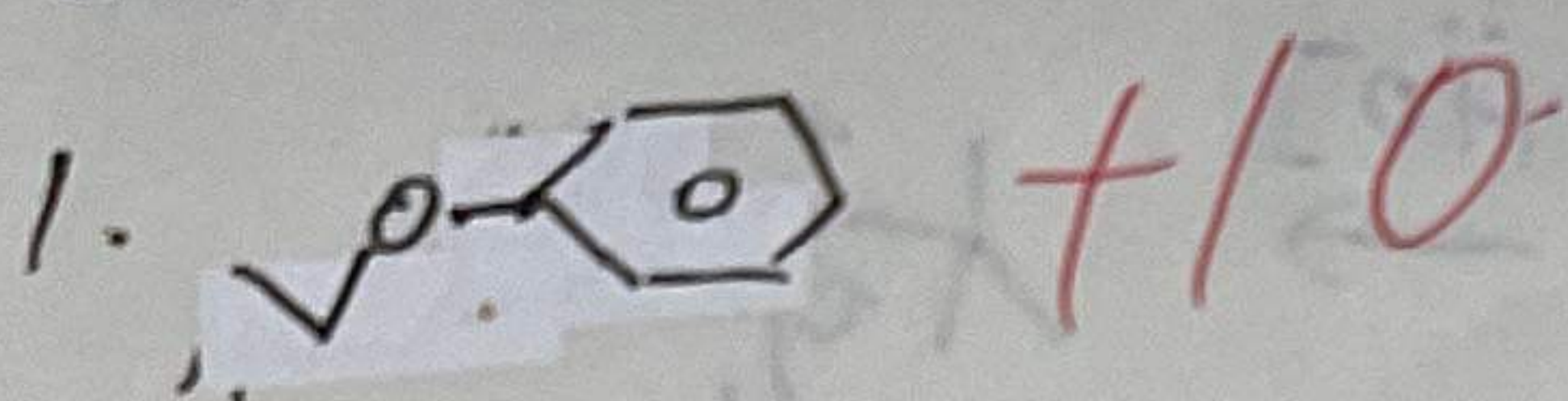
28. B

29. A

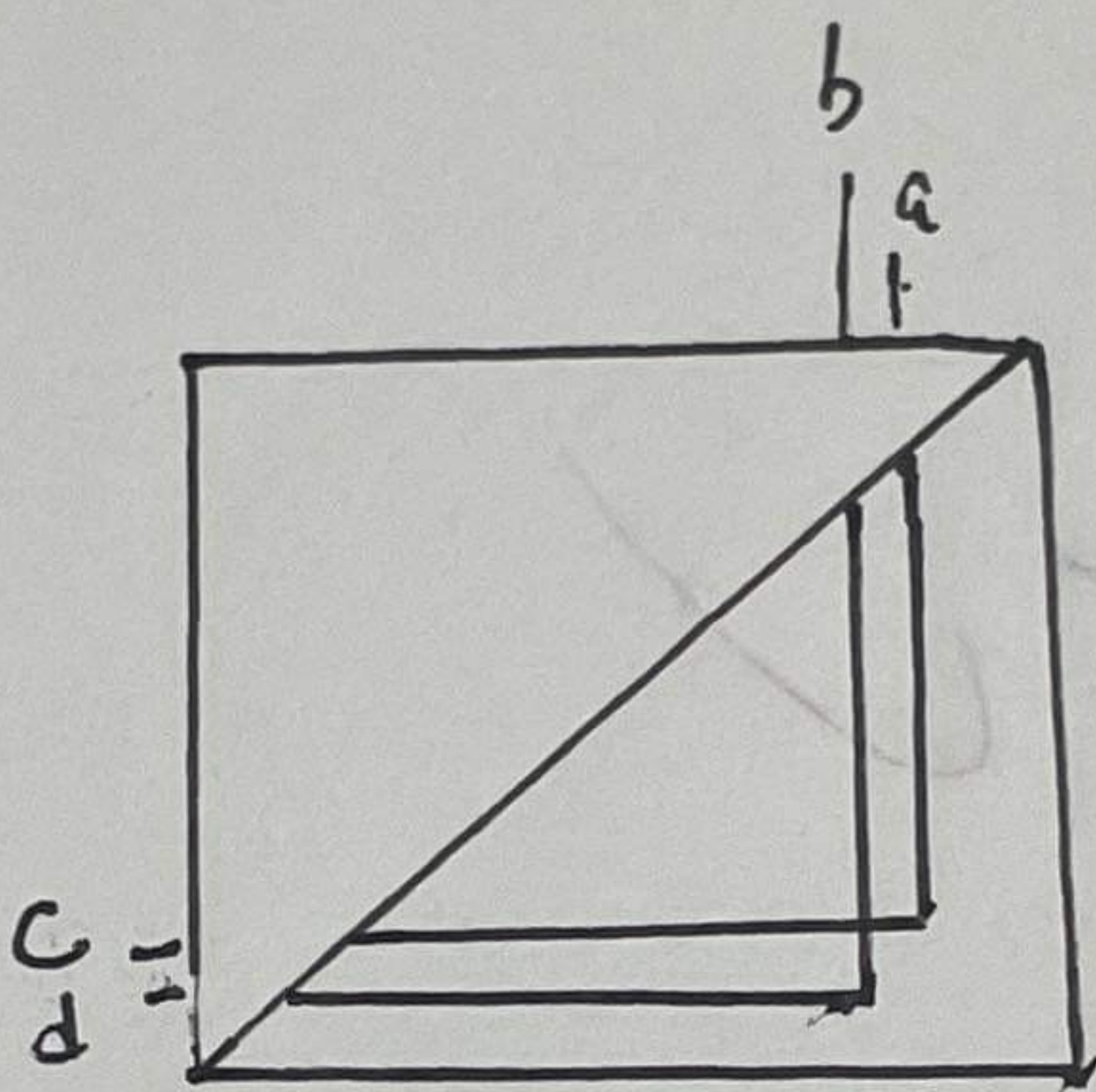
30. A

1120

II.

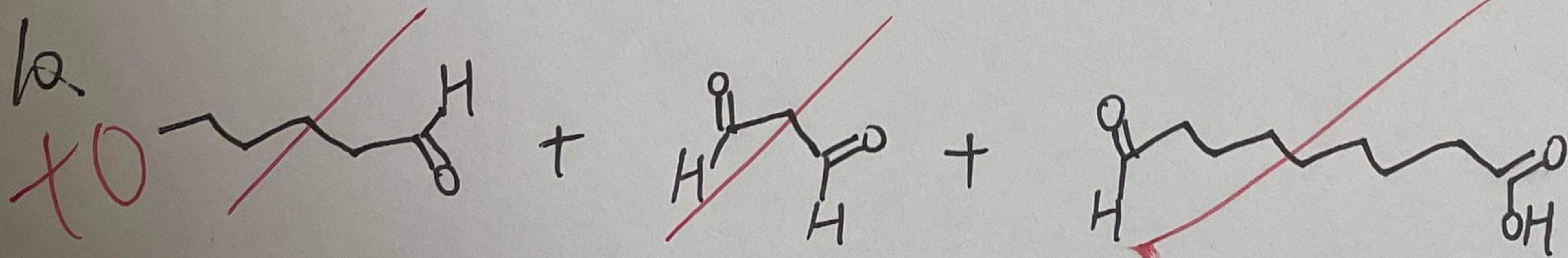
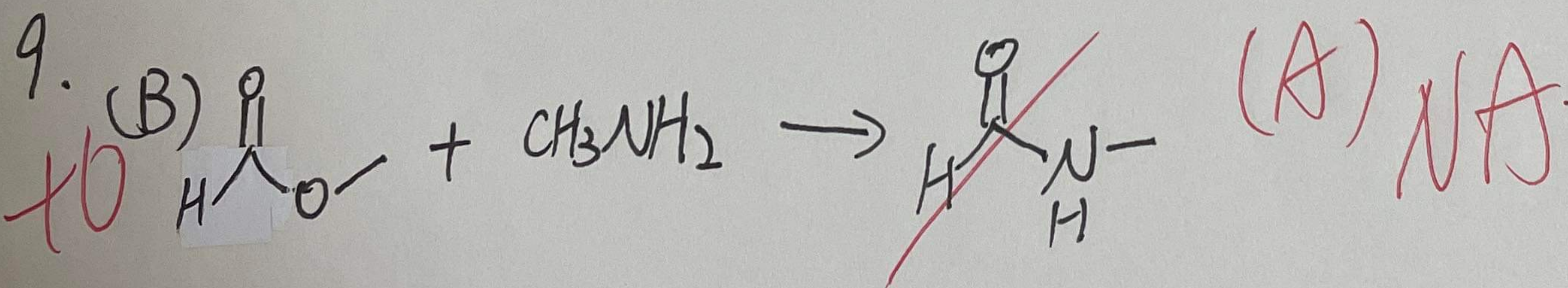
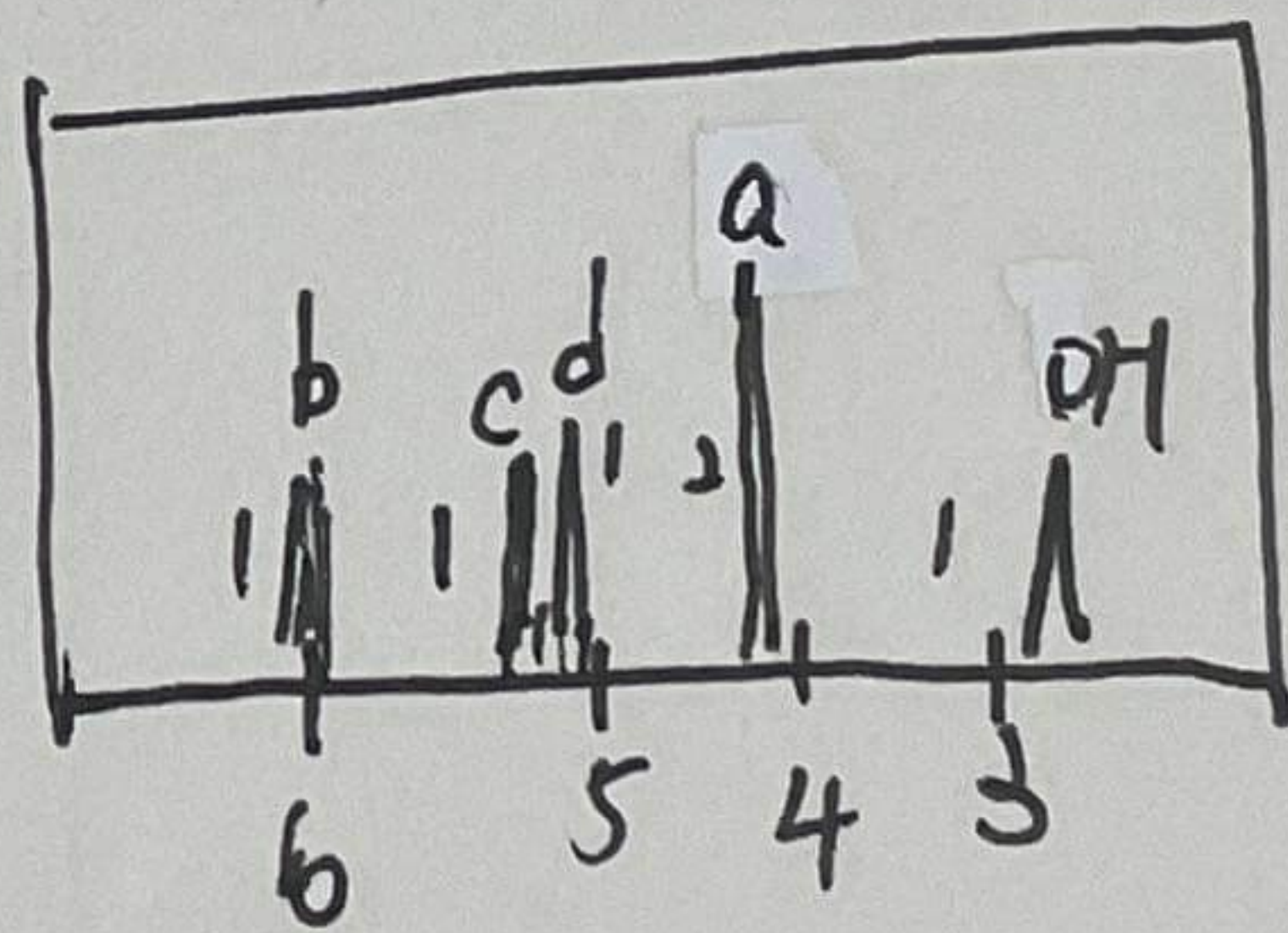
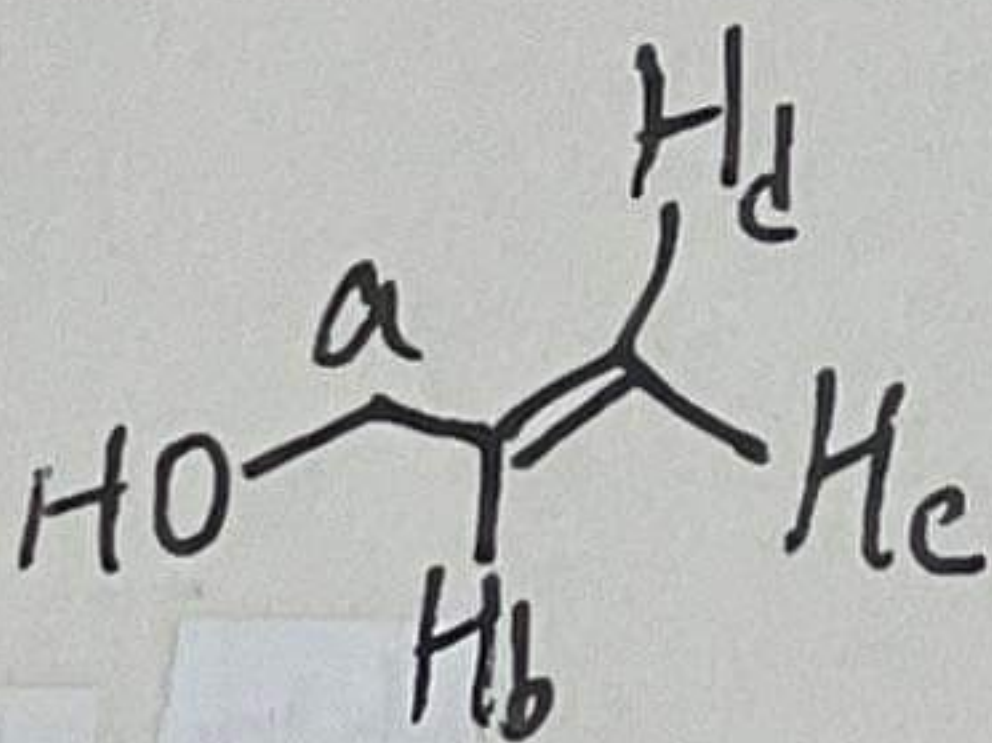


7. b and d coupling
 c and a coupling



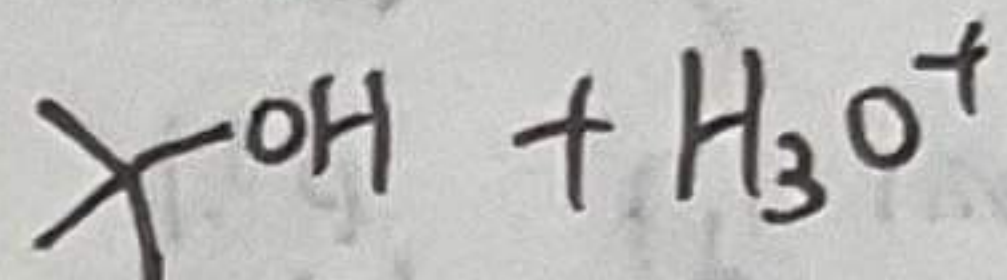
8. from left to right

b → c → d → a → OH



11. ∴ when triethylamine used as nucleophile, it doesn't have any proton to be removed then the intermediate will be very reactive.

∴ the only one can be used as nucleophile is ethylamine ⇒ only one amide product



$f(0)$

