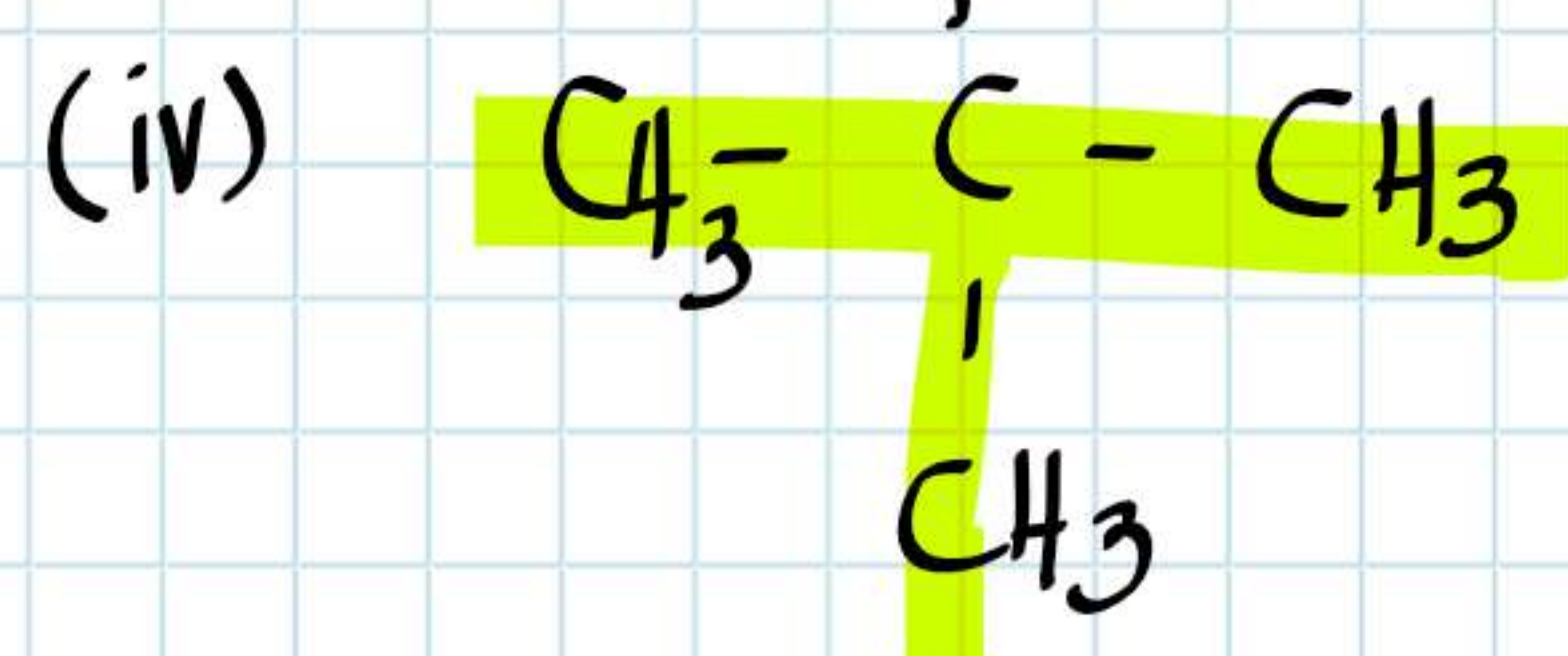
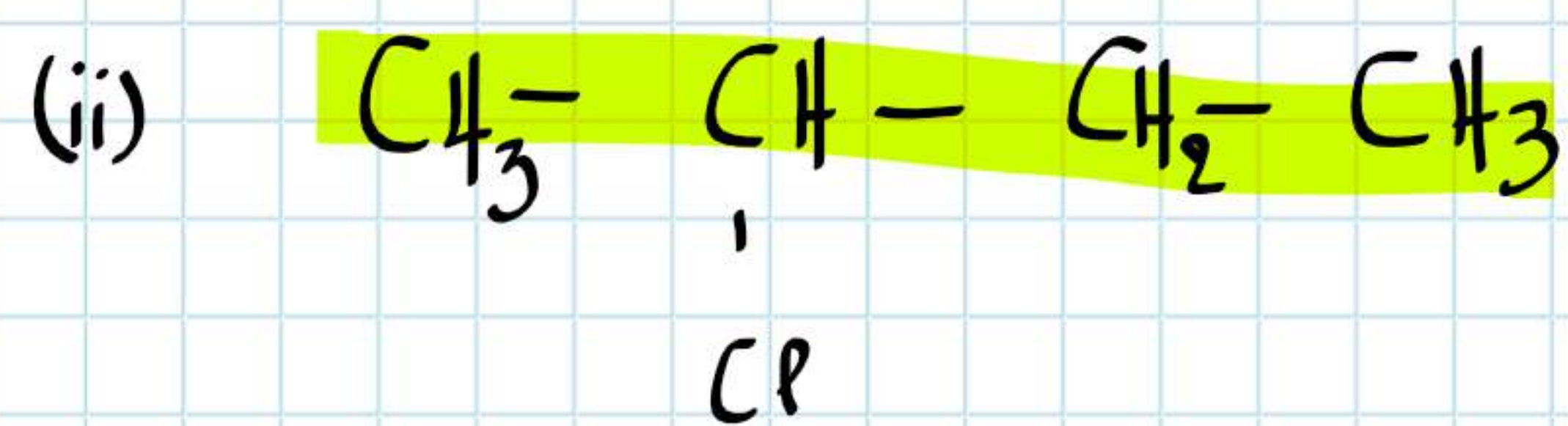
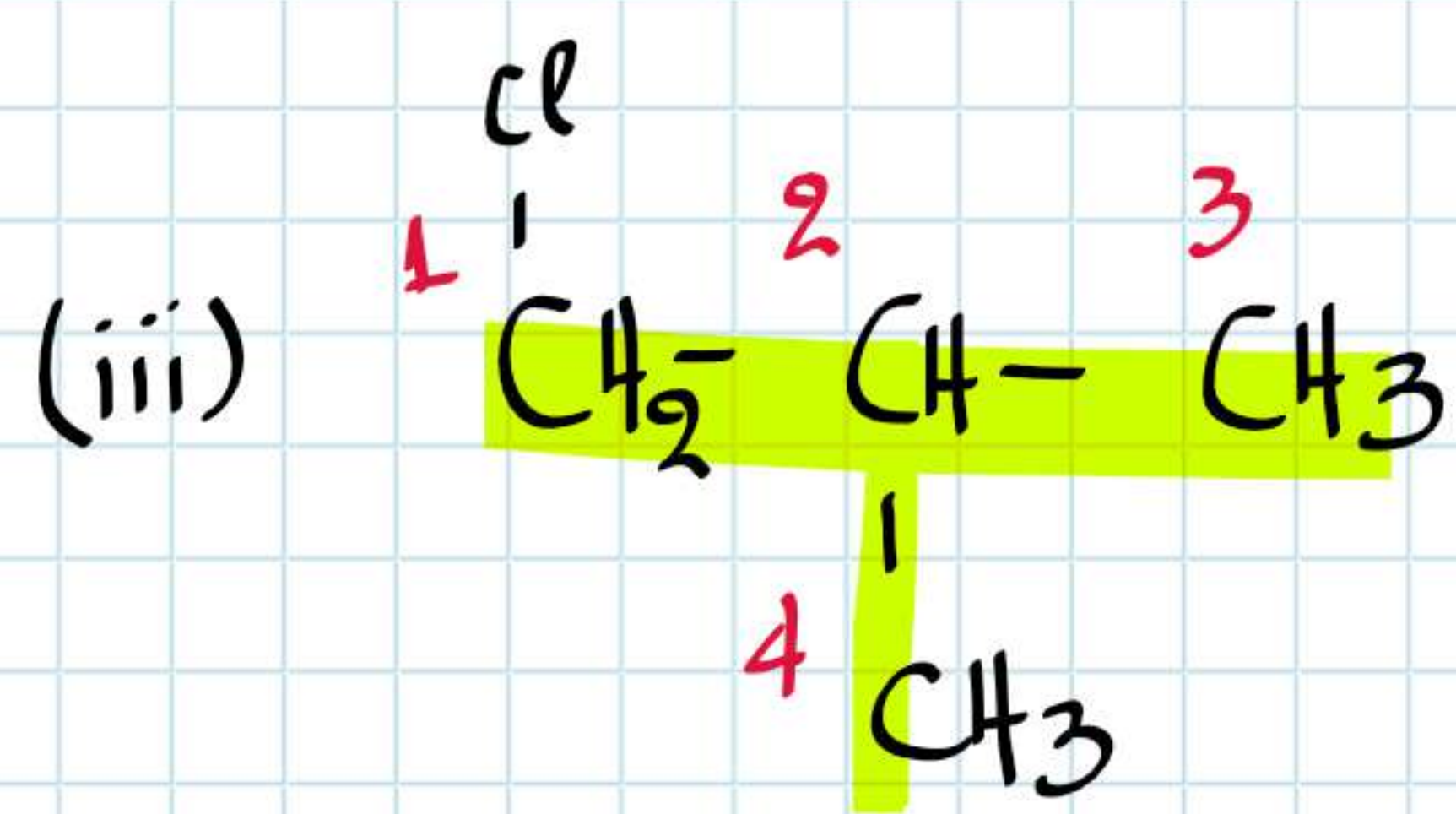
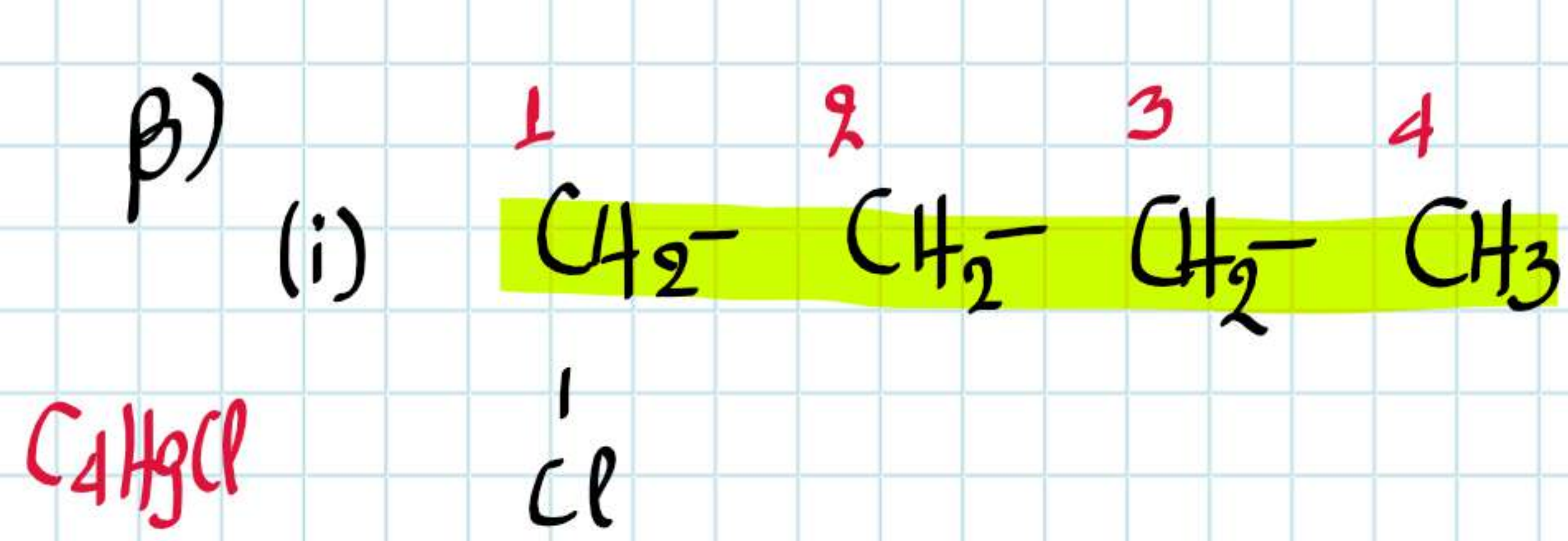
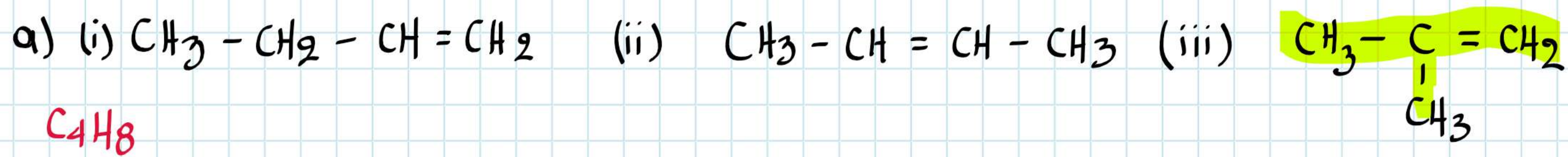
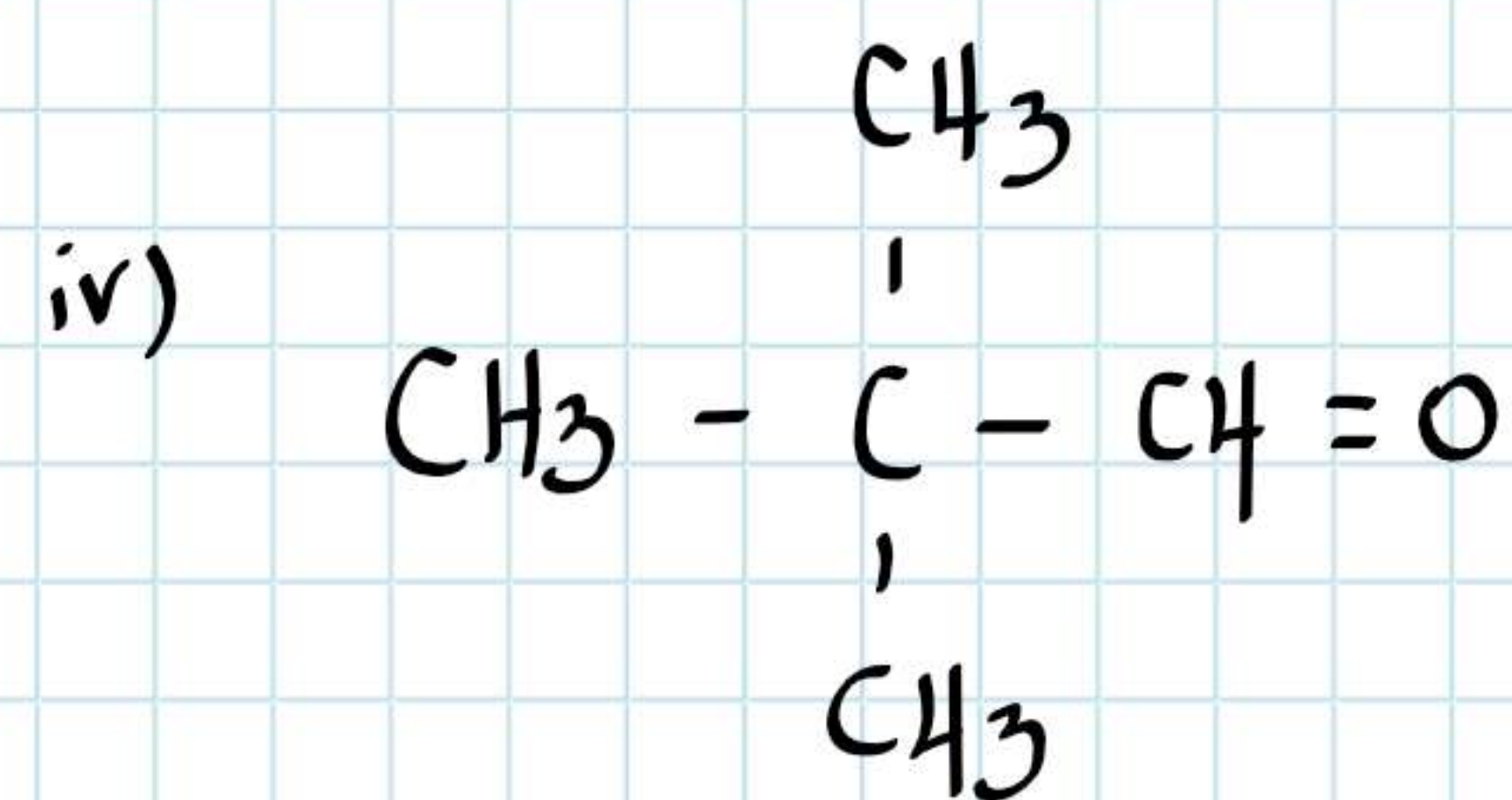
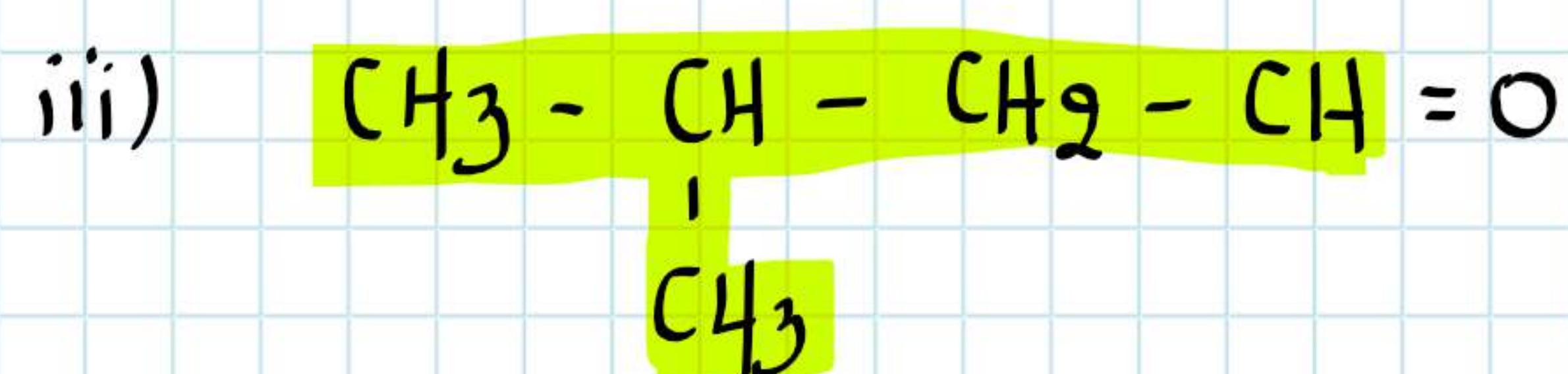
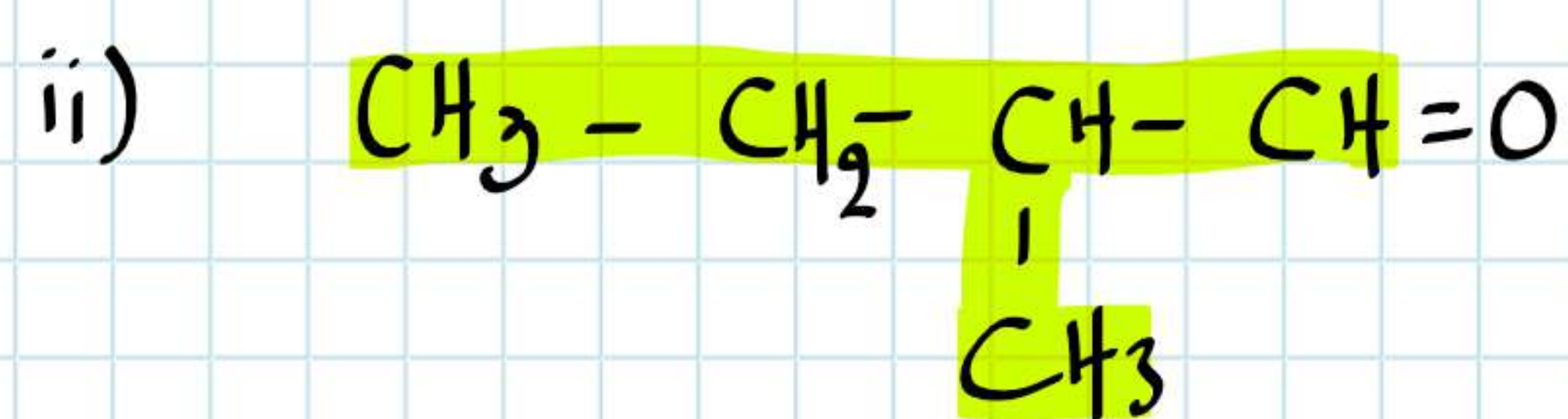
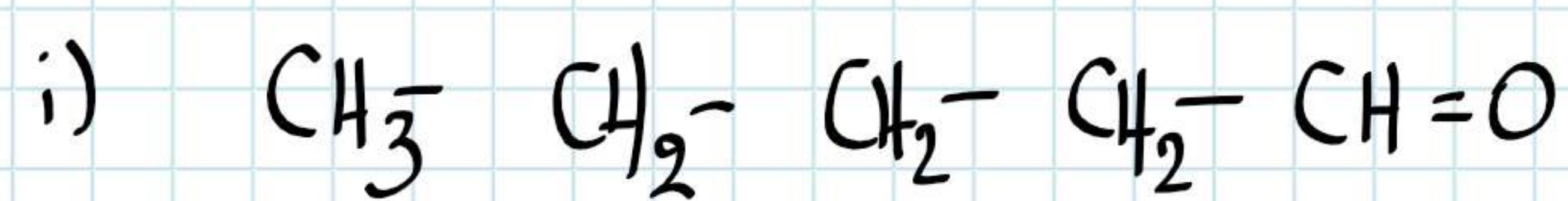


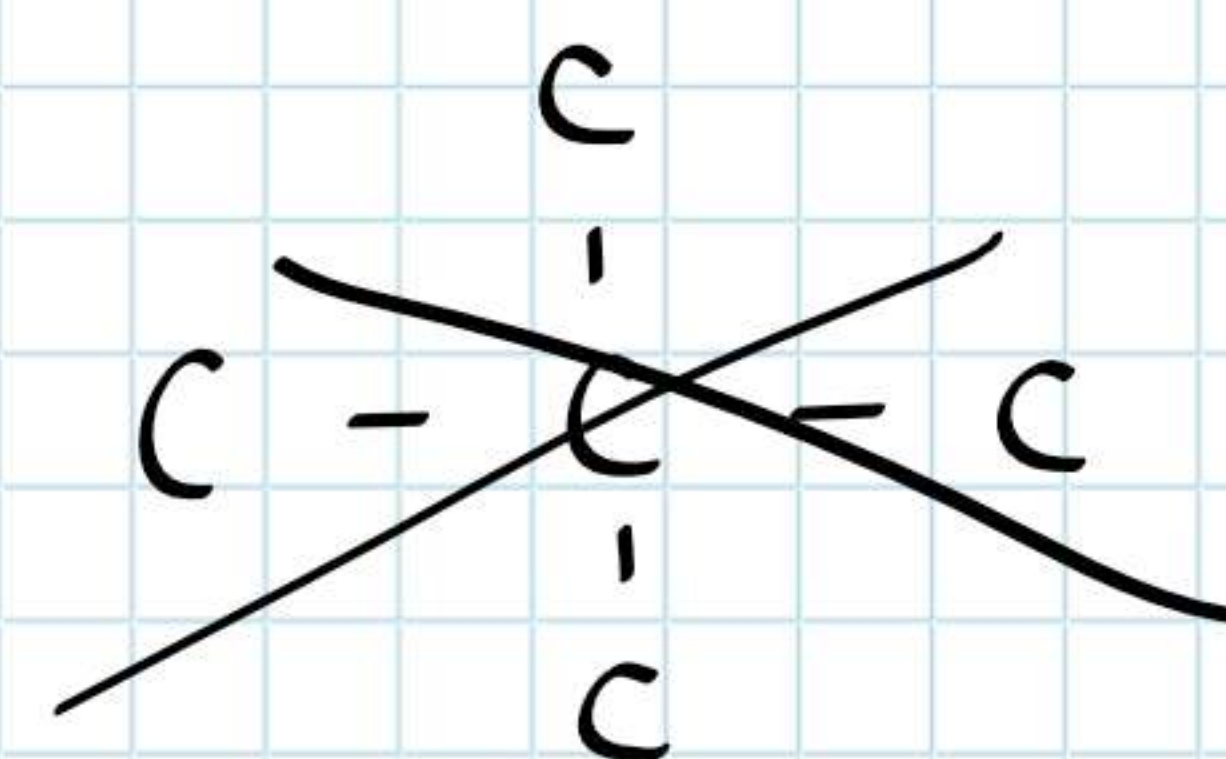
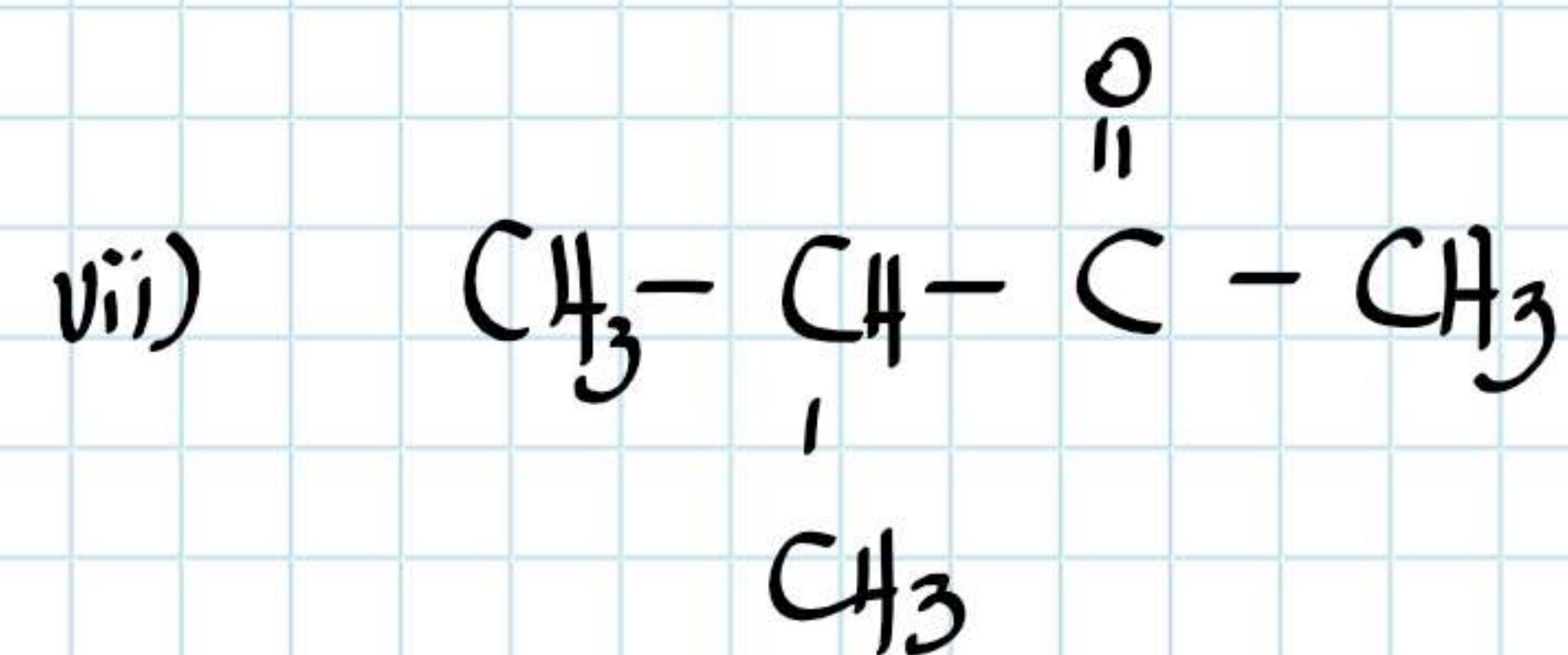
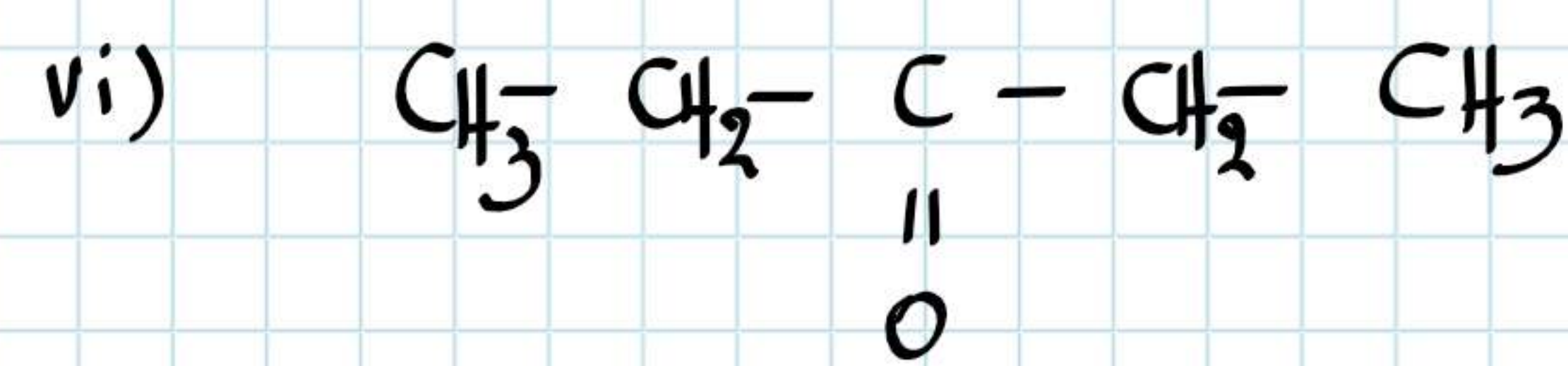
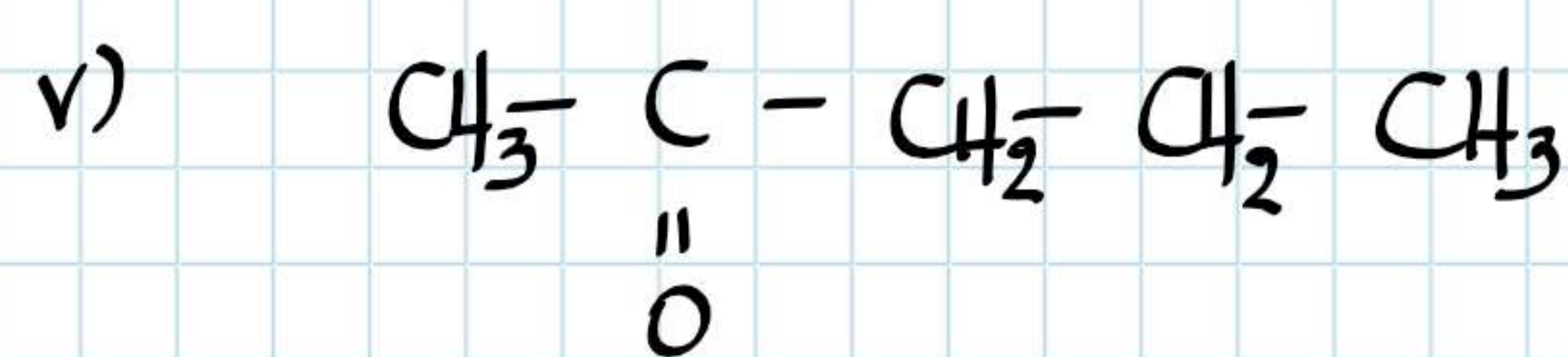
Άσκηση 146.



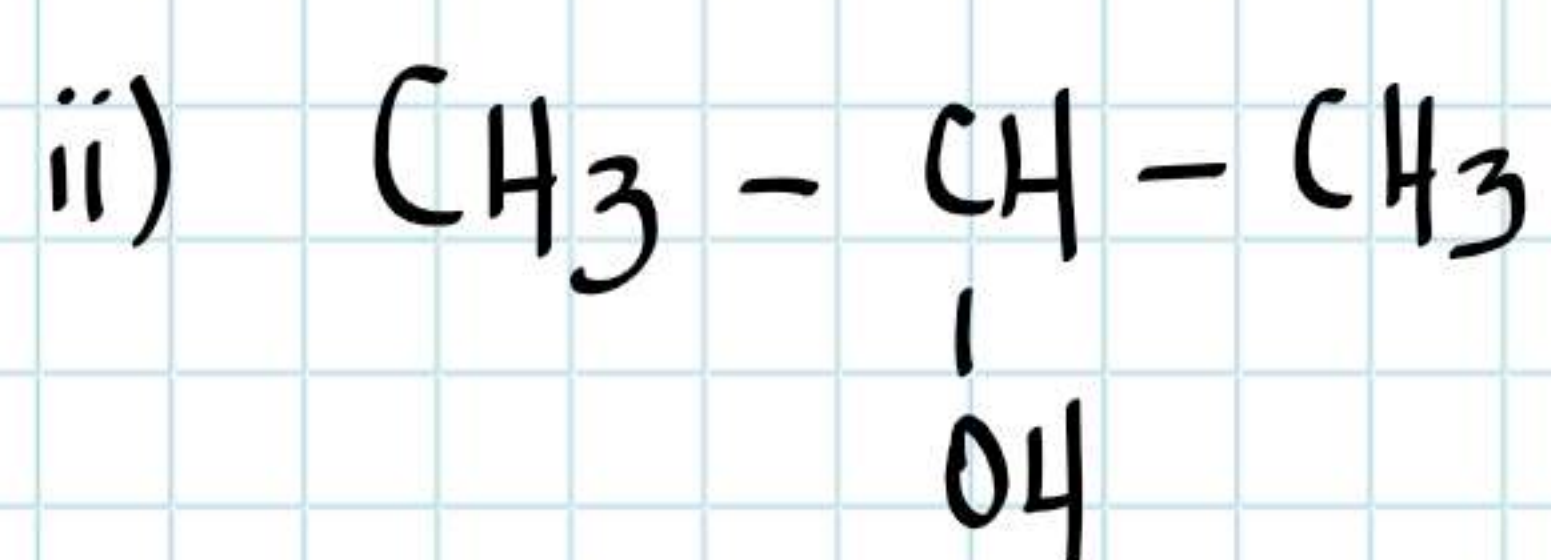
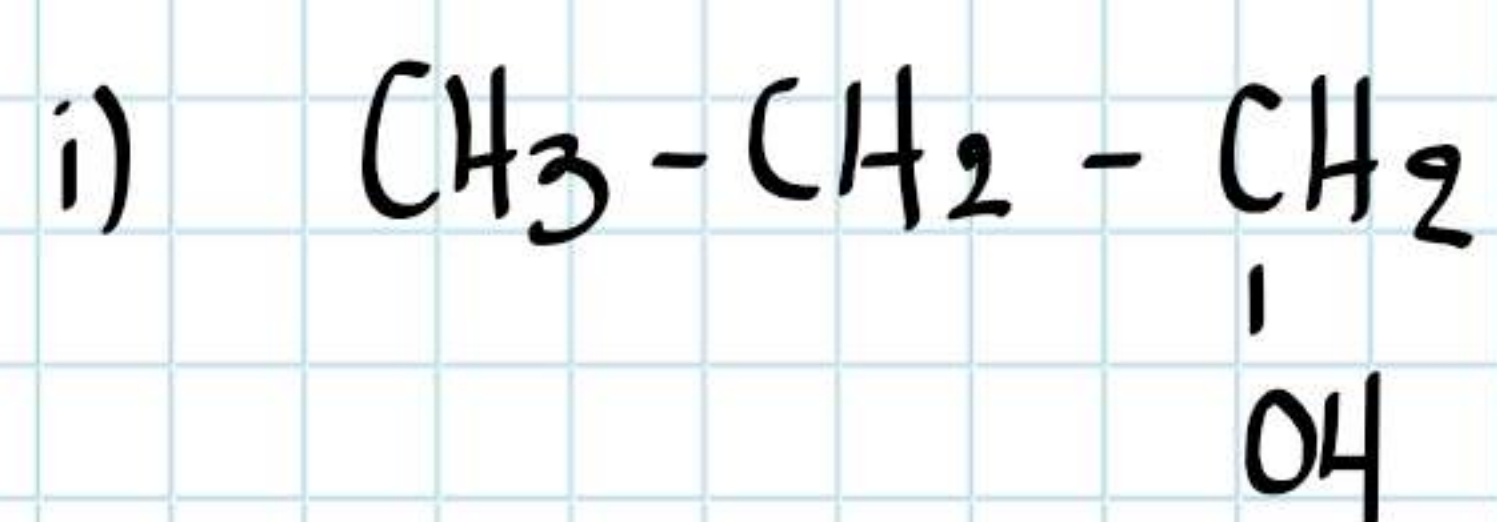
γ) $\text{C}_5\text{H}_{10}\text{O}$: Αλδεΐδες



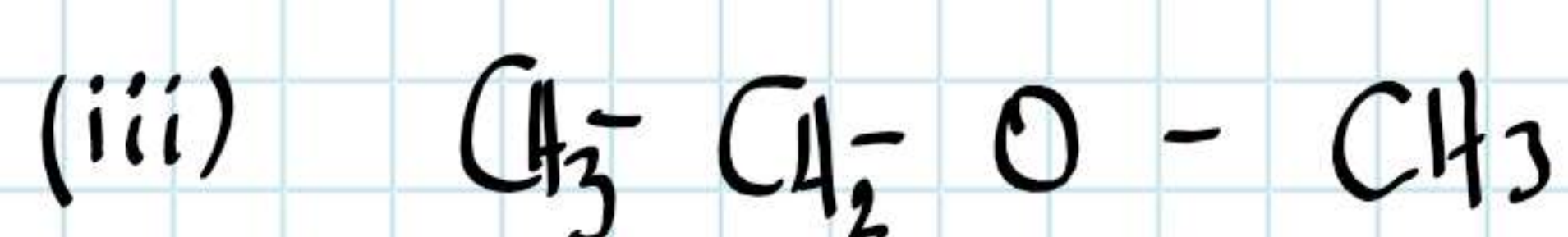
Κετόνη



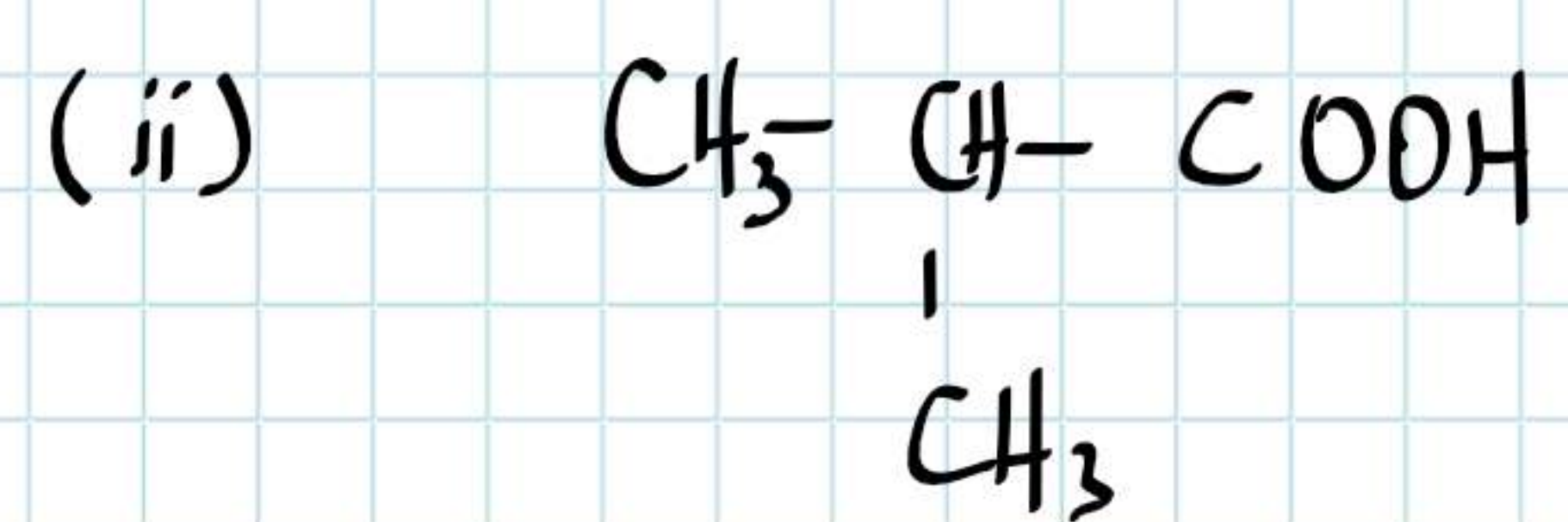
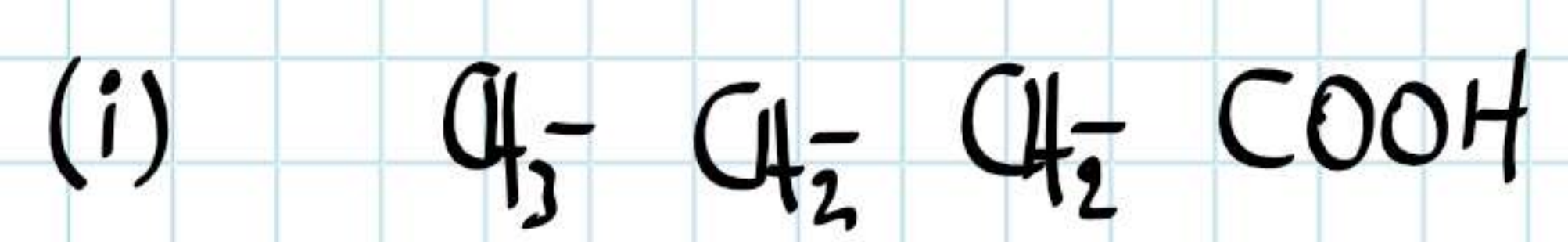
δ) $\text{C}_3\text{H}_8\text{O}$: Αλκοόλη



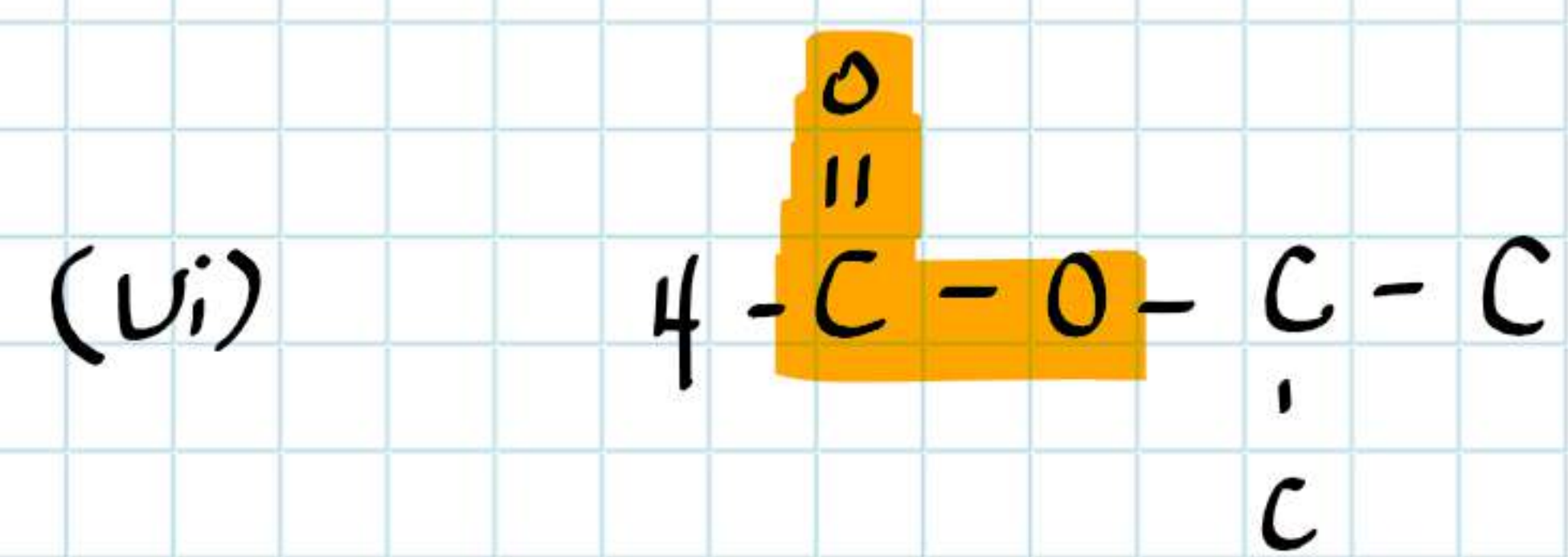
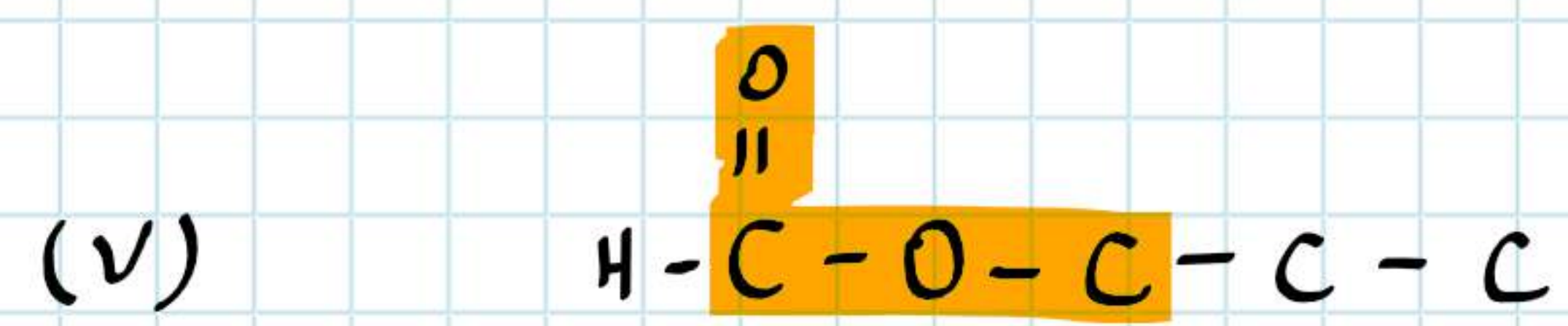
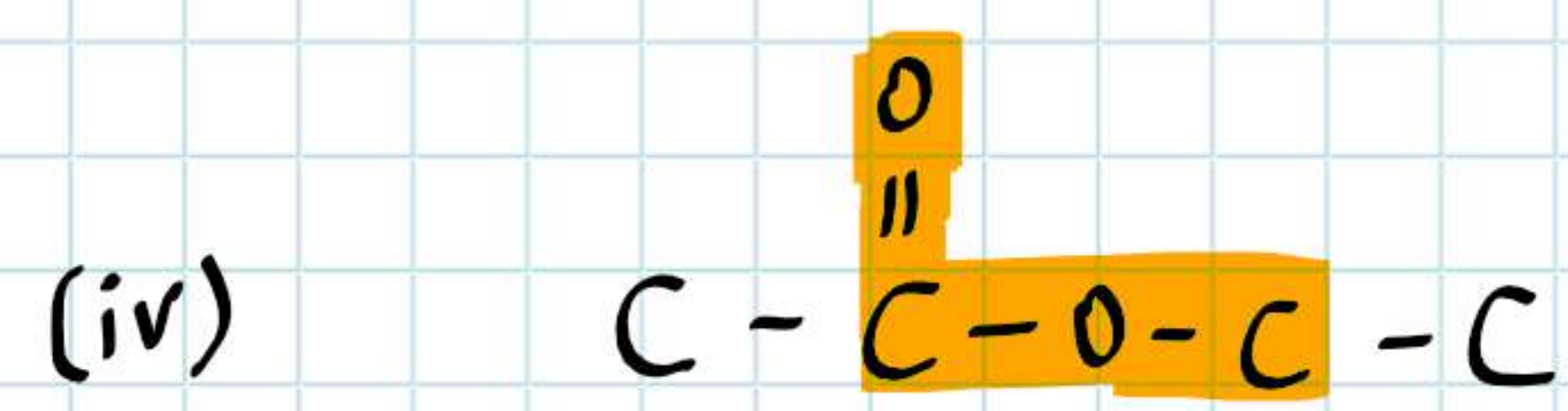
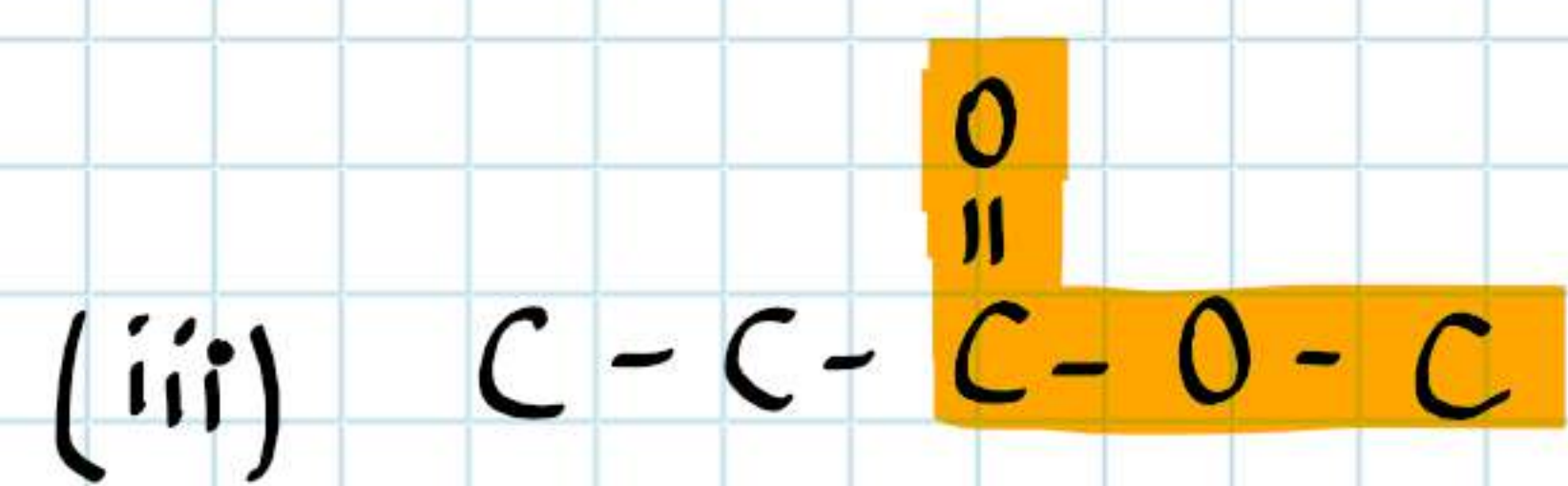
Αιθέρας



ε) $C_4H_8O_2$: Καρβοξυλικό οξύ



Εστέρας



Άσκηση 1.47.

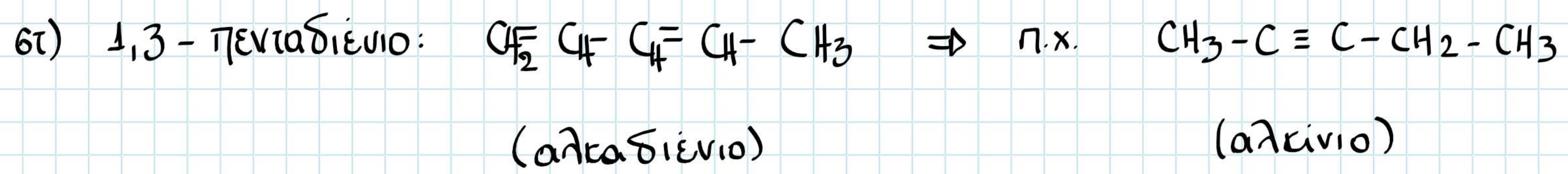
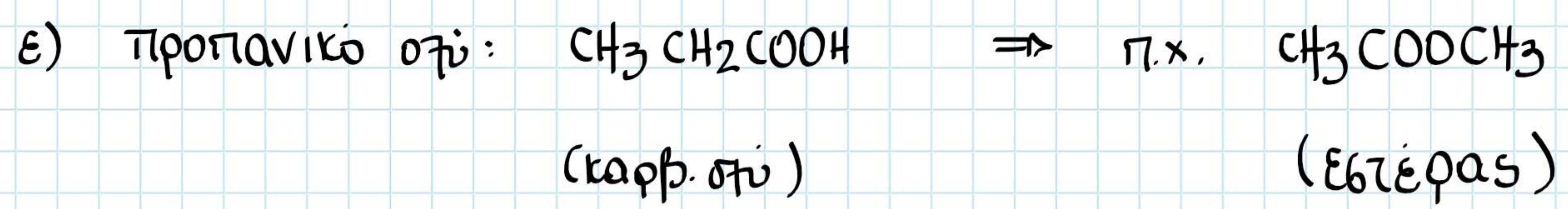
- α) Ισομέρεια ομόλογης σειράς
- β) Ισομέρεια ομόλογης σειράς
- γ) Ισομέρεια ανθρακικής αλυσίδας
- δ) Ισομέρεια ομόλογης σειράς
- ε) Ισομέρεια ανθρακικής αλυσίδας και ισομέρεια θέσης
- στ) Ισομέρεια ομόλογης σειράς

Άσκηση 1.48

- α) C_5H_{10} : αλκένιο (x)
- β) C_4H_8O : αλδεύδη - κετόνη (v)
- γ) C_3H_8O : αλκοόλη - αιθέρας (v)
- δ) C_5H_8 : αλκίλιο - αλκαδιένιο (v)
- ε) C_4H_4O : αλκοόλη (x)

Άσκηση 1.49

- α) 2-βουτανόλη: $CH_3 - \underset{\substack{| \\ OH}}{CH} - CH_2 - CH_3$ (αλκοόλη) \Rightarrow π.χ. $CH_3 - CH_2 - O - CH_2 - CH_3$ (αιθέρας)
- β) βουτανάλη: $CH_3 - CH_2 - CH_2 - CH=O$ (αλδεύδη) \Rightarrow π.χ. $CH_3 - CH_2 - \underset{\substack{|| \\ O}}{C} - CH_3$ (κετόνη)
- γ) 1-βουτίνιο: $CH \equiv C - CH_2 - CH_3$ (αλκίλιο) \Rightarrow π.χ. $CH_2 = CH - CH = CH_2$ (αλκαδιένιο)
- δ) 2-προπανόλη: $CH_3 - \underset{\substack{| \\ OH}}{CH} - CH_3$ (αλκοόλη) \Rightarrow π.χ. $CH_3 - CH_2 - O - CH_3$ (αιθέρας)



Άσκηση 1.50

