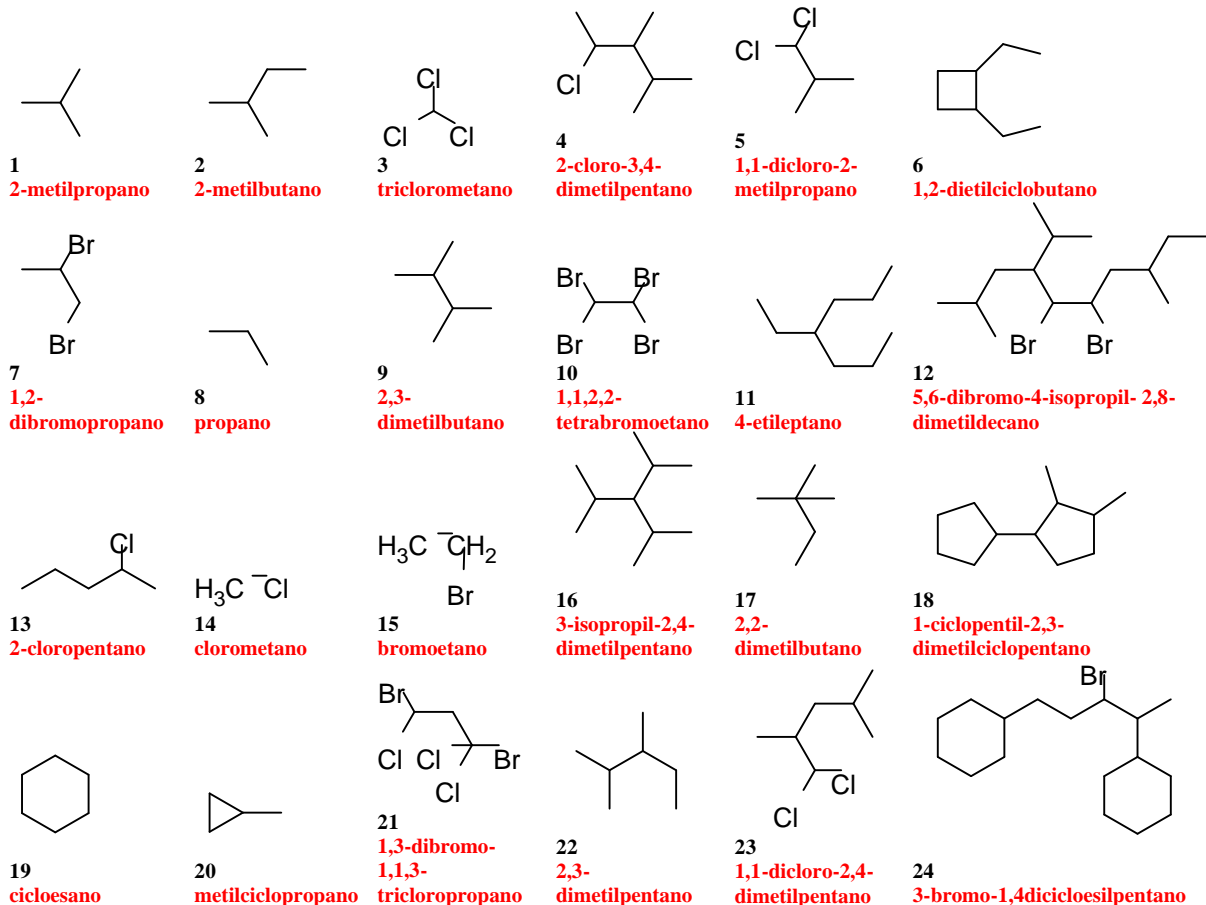


Studente _____

1.1 Assegnare il nome IUPAC alle seguenti strutture:

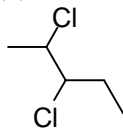


1.2 Assegnare il nome COMUNE ed il nome IUPAC ai seguenti composti:

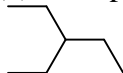
- | | | |
|---|-----------------------|------------------------|
| (a) $\text{CH}_3\text{CH}_2\text{CH}_2\text{Cl}$ | Cloruro di propile | 1-cloropropano |
| (b) $\text{CH}_3\text{CHClCH}_3$ | Cloruro di isopropile | 2-cloropropano |
| (c) $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{Br}$ | Bromuro di butile | 1-bromobutano |
| (d) $\text{CH}_3\text{CH}_2\text{CHBrCH}_3$ | Bromuro di secbutile | 2-bromobutano |
| (e) $(\text{CH}_3)_2\text{CHCH}_2\text{Br}$ | Bromuro di isobutile | 1-bromo-2-metilpropano |
| (f) $(\text{CH}_3)_3\text{CBr}$ | Bromuro di terzbutile | 2-bromo-2-metilpropano |

1.3 Scrivere le formule di struttura dei seguenti composti:

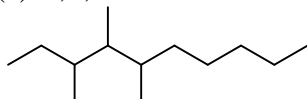
(a) 2,3-dicloropentano



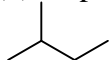
(b) 3-etilpentano



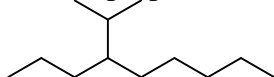
(c) 2,3,4-trimetildecano



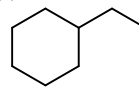
(d) isopentano



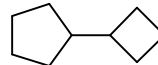
(e) 4-isopropilnonano



(f) etilcicloesano



(g) ciclopentilciclobutano



(h) cloruro di metilene



(i) bromoformio

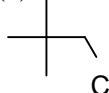


(j) fluoruro di terzbutile



1.4 Qual è l'alcano, di Massa Molare 72 g/mol, che può dare: C_5H_{12}

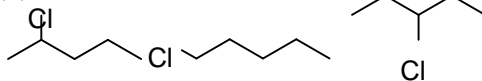
(a) Un solo monocloroderivato



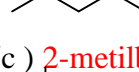
(a) 2,2-dimetilpropano o neopentano



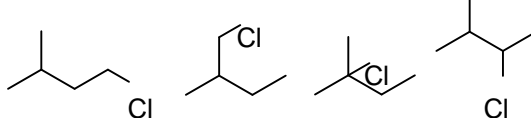
(b) Tre monocloroderivati



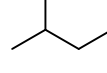
(b) pentano o n-pentano



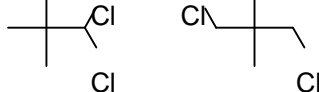
(c) Quattro monocloroderivati



(c) 2-metilbutano o isopentano



(d) Solo due dicloroderivati



(d) 2,2-dimetilpropano o neopentano

