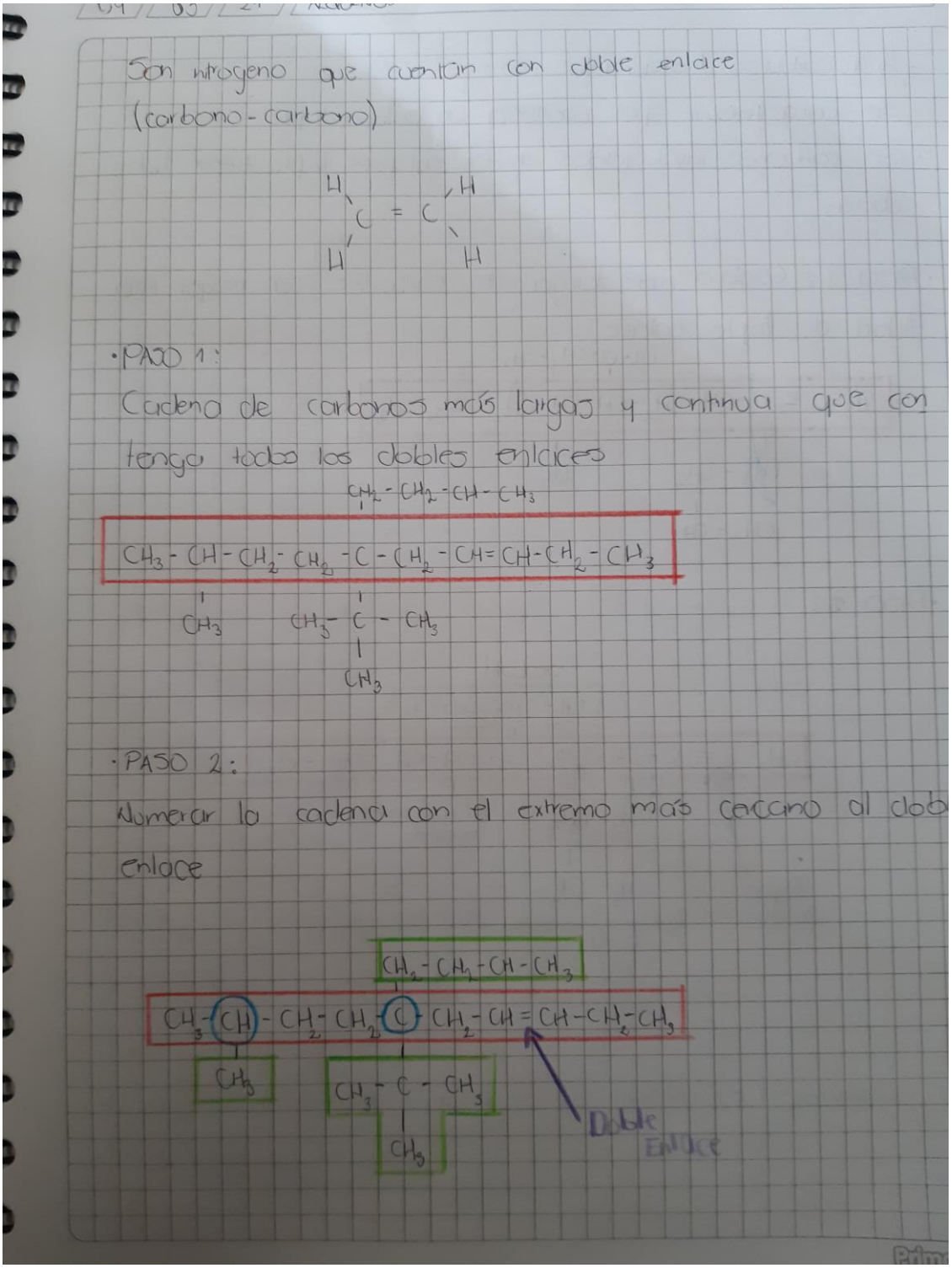
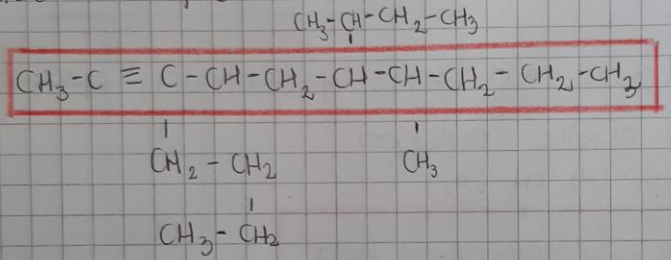
**ALQUENOS Y ALQUINOS**



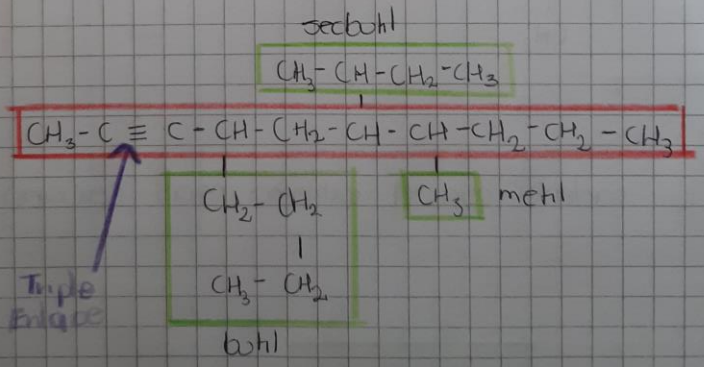
11 / 03 / 21 / ALQUINOS

- Hidrocarburos Insaturados
- Se caracterizan por contener un enlace triple C ≡ C
- Los carbonos involucrados en el enlace triple tienen hibridación

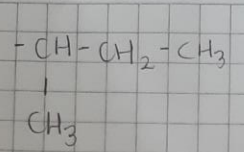
• PASO 1: Cadena más larga de carbonos con mayor cantidad de triple enlace

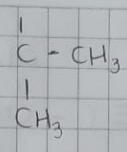



• PASO 2:

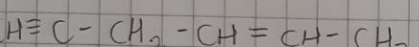


## RADICALES O SUSTITUYENTES

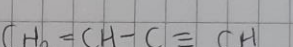




Si en una molecula existen dobles y triples enlaces se les asigna los localizadores más bajos posibles sin realizar distinción entre dobles y triples. Al nombrarlos se indican primero los dobles y luego los triples



4 hexen-1ino



1 buten-3ino

→EJERCICIOS ALQUENO Y ALQUINO:

1. $CH_3-CH_2-CH=CH_2$ : 1 buteno

2. $CH_3-CH=CH-CH_2-CH_3$ : 2 penteno

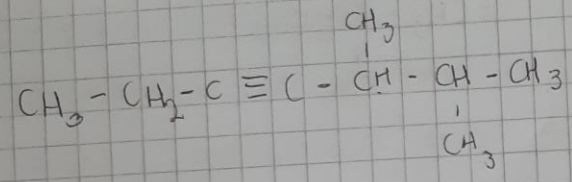
3. $CH_2=CH-CH=CH_2$ : 1,3 butadieno

4. $CH_2=CH-CH=CH-CH=CH$ : 1,3,5 hexatrieno

5. $CH_2=CH-CH_2-\underset{\displaystyle CH_3}{\underset{|}{CH}}-CH_3$ : 4 metil-1 penteno

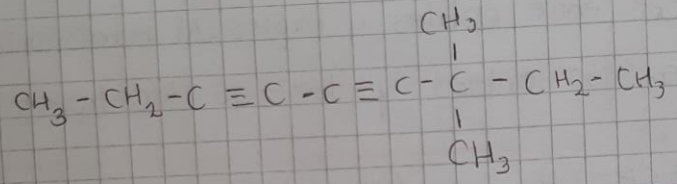
6. $CH_3-\underset{\displaystyle CH_2-CH_3}{\underset{|}{CH}}-CH=CH-\underset{\displaystyle CH_3}{\underset{|}{C}}=CH_2$ : 2,5 dimetil 1,3 heptadieno

1.



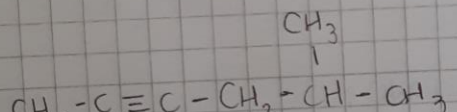
5,6 metil 3heptino

2.



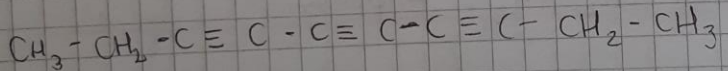
7,7 dimetil 3,5nonadiino

3.



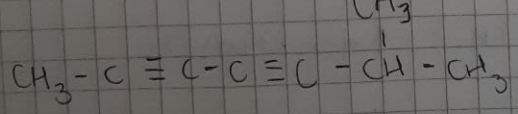
5metil 2hexadiino

4.



3,5,7 decatriino

5.



6metil 2,4 heptadiino