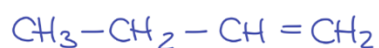


Ejercicios

ALCANOS, ALQUENOS Y ALQUINOS

1. Nombra los siguientes hidrocarburos:

a)



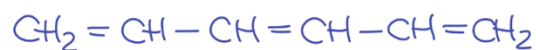
b)



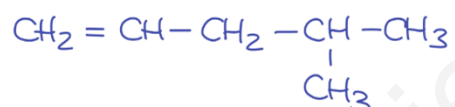
c)



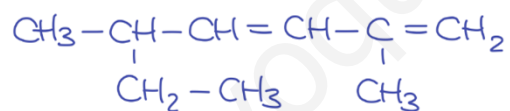
d)



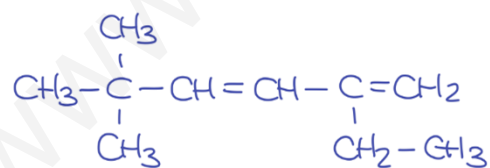
e)



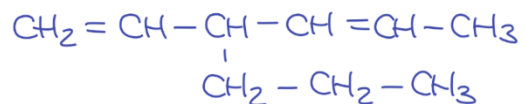
f)



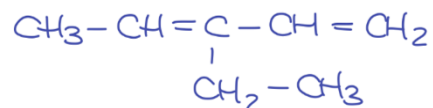
g)



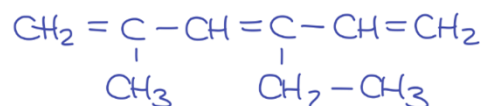
h)



i)



j)



2. Formula los siguientes hidrocarburos:

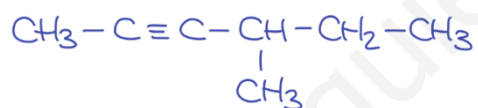
- propeno
- but-2-eno
- pent-1-eno
- penta-1,3-dieno
- 4-metilpent-2-eno
- 3-metiloct-4-eno
- 2,3,4-trimetilhexa-1,3-dieno
- 4-etil-2-metilhexa-1,4-dieno
- 4-propilocta-1,4,dieno
- 3-vinilhexa-1,5-dieno o 3-etenilhexa-1,5-dieno

3. Nombra los siguientes hidrocarburos:

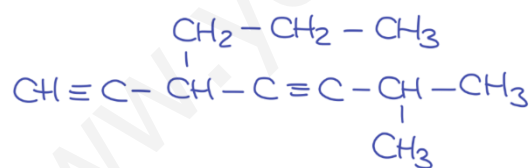
a)



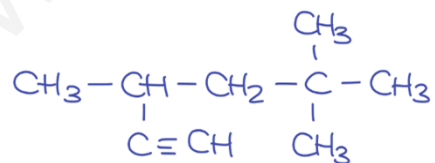
b)



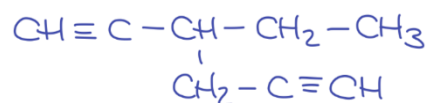
c)



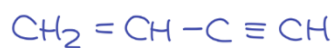
d)



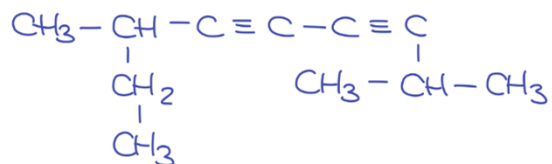
e)



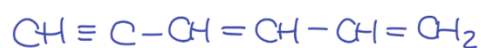
f)



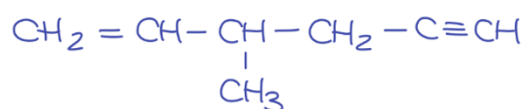
g)



h)



i)



j)



4. Formula los siguientes hidrocarburos:

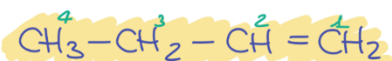
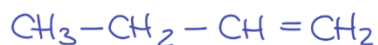
- pent-2-ino
- penta-1,3-diino
- 4-metilhex-2-ino
- 4-metilhepta-1,6-diino
- 3-etilpenta-1,4-diino
- 3-etinilhexa-1,5-diino
- hex-4-en-1-ino
- hex-2-en-4-ino
- 3-etilhex-4-en-1-ino
- 3-metilhex-2-en-4-ino

Soluciones

ALCANOS, ALQUENOS Y ALQUINOS

1. Nombra los siguientes hidrocarburos:

a)



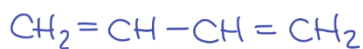
but-1-eno

b)



pent-2-eno

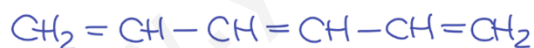
c)



buto-1,3-dieno

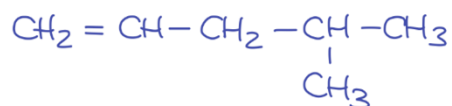
es lo igual el sentido en que se enumere (misma resultado)

d)



hexo-1,3,5-trieno

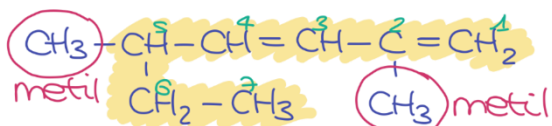
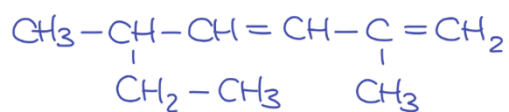
e)



CH_3 metil

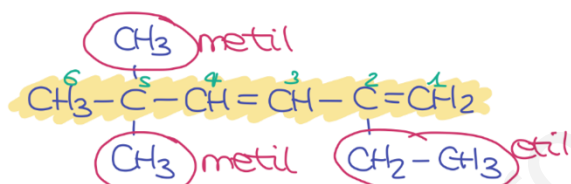
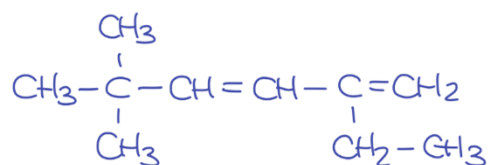
4-metilpent-1-eno

f)



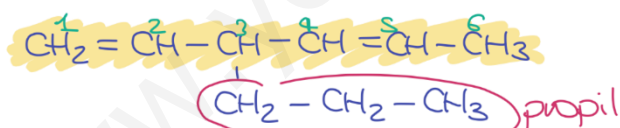
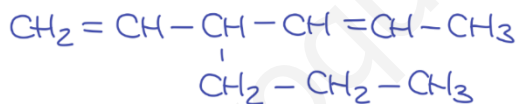
2,5-dimetilhepta-1,3-dieno

g)



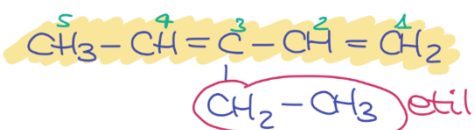
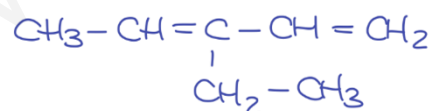
2-etil-5,5-dimetilhexa-1,3-dieno

h)



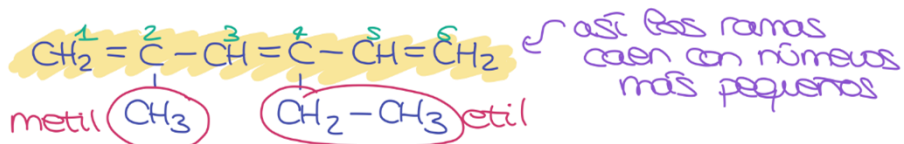
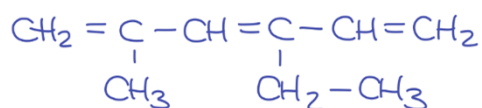
3-propilhexa-1,4-dieno

i)



3-etilpenta-1,3-dieno

j)



así las ramas caen con números más pequeños

4-etil-2-metilhexa-1,3,5-trieno

2. Formula los siguientes hidrocarburos:

a) propeno



b) but-2-eno



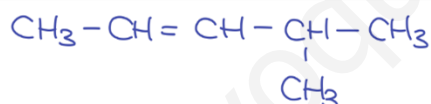
c) pent-1-eno



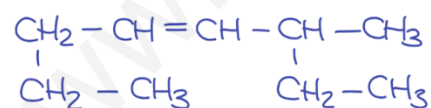
d) penta-1,3-dieno



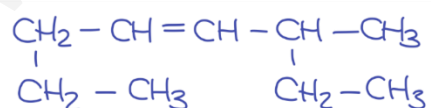
e) 4-metilpent-2-eno



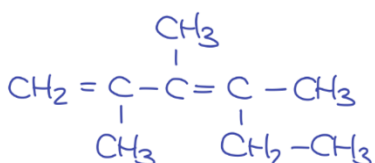
f) 3-metiloct-4-eno



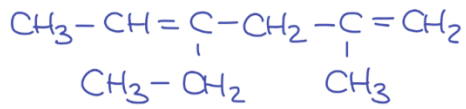
g) 2,3,4-trimetilhexa-1,3-dieno



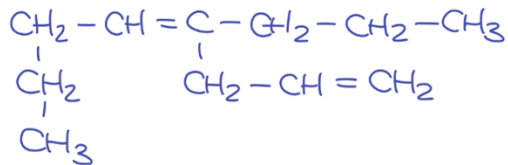
h) 4-etil-2-metilhexa-1,4-dieno



i) 4-propilocta-1,4,diene

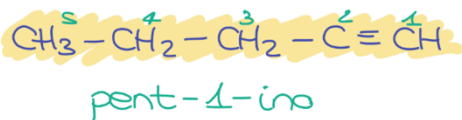


j) 3-vinilhexa-1,5-diene o 3-etenilhexa-1,5-diene

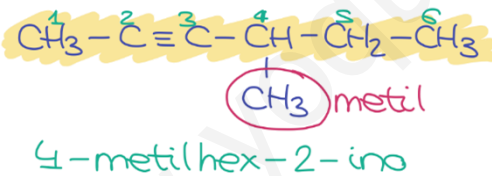
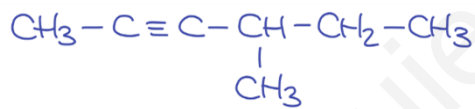


3. Nombra los siguientes hidrocarburos:

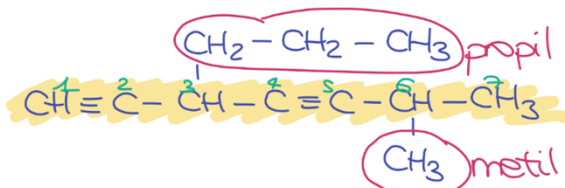
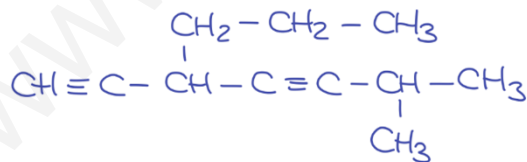
a)



b)

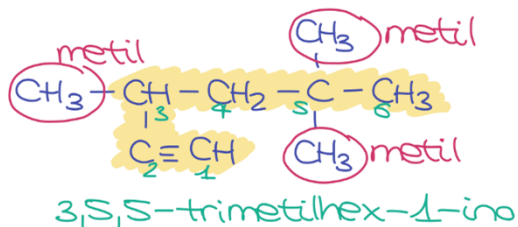
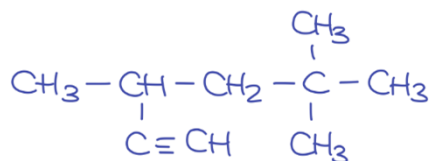


c)

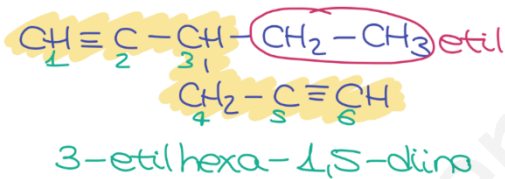
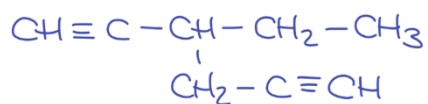


6-metil-3-propilhepta-1,4-dieno

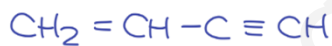
d)



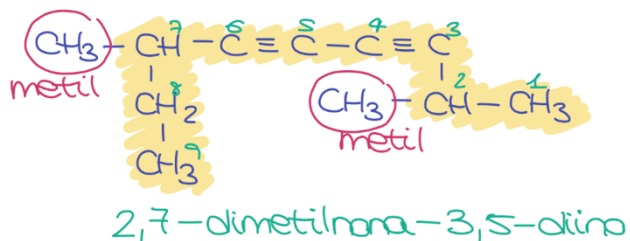
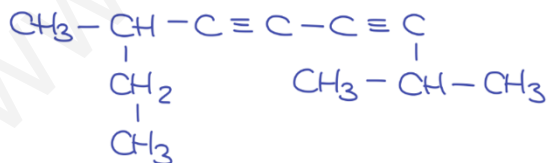
e)



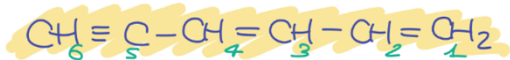
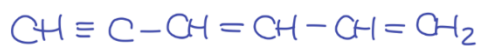
f)



g)

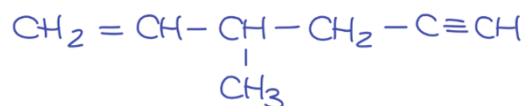


h)



hexo-1,3-dien-5-ino

i)



metil

3-metilhex-4-en-5-ino

j)



pent-3-en-1-ino

4. Formula los siguientes hidrocarburos:

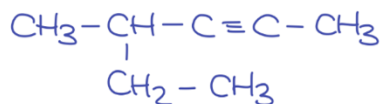
a) pent-2-ino



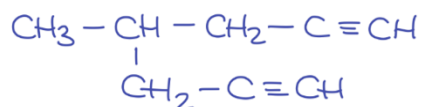
b) penta-1,3-diino



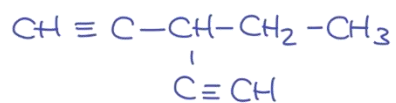
c) 4-metilhex-2-ino



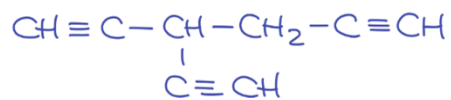
d) 4-metilhepta-1,6-diino



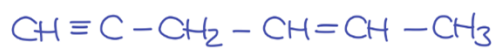
e) 3-etilpenta-1,4-diino



f) 3-etinilhexa-1,5-diino



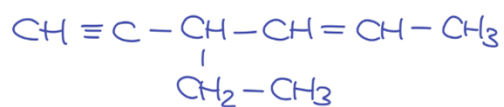
g) hex-4-en-1-ino



h) hex-2-en-4-ino



i) 3-etilhex-4-en-1-ino



j) 3-metilhex-2-en-4-ino

