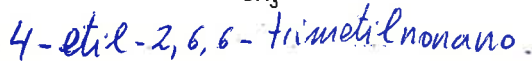
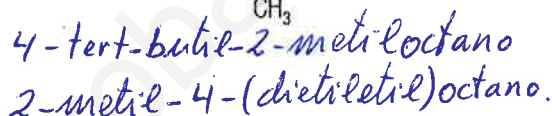
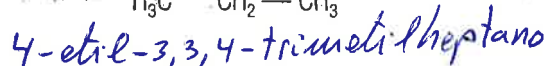
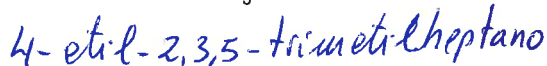
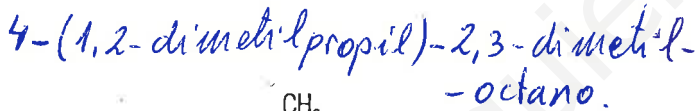
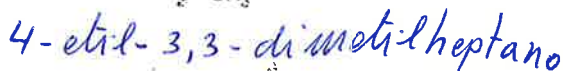


SOL ①



6 Formula los siguientes compuestos:

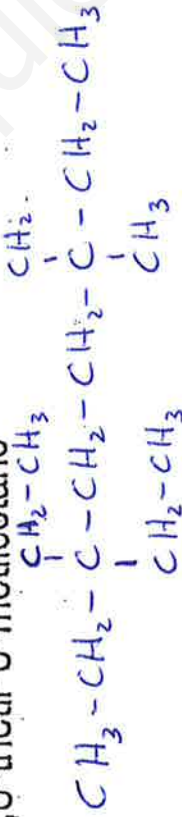
a) 2,2-dimetilpentano



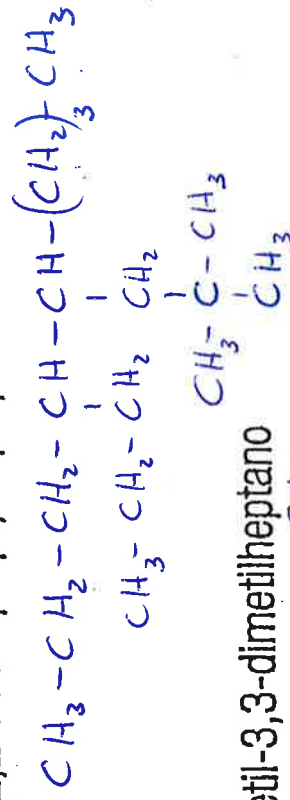
b) 3,5-dimetilheptano



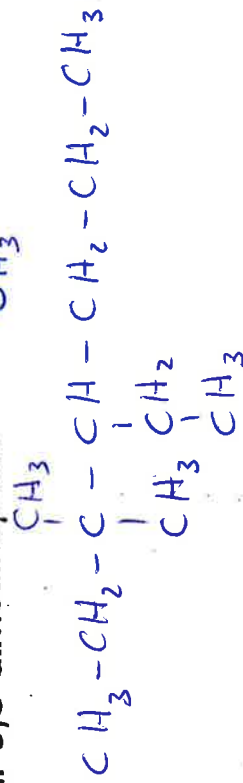
c) 3,3,6-trietil-6-metiloctano



d) 5-(2,2-dimetilpropil)-4-propilnonano



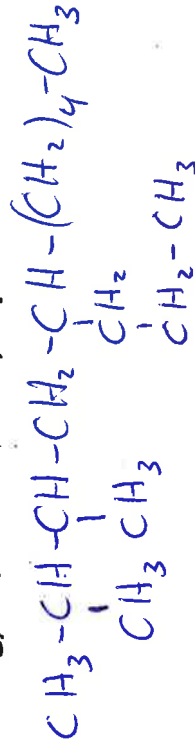
e) 4-etil-3,3-dimetilheptano



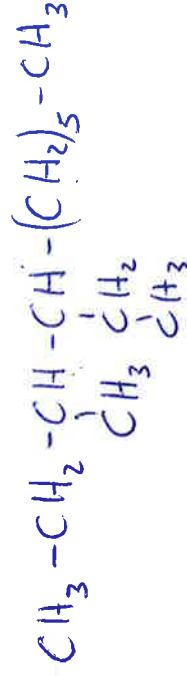
f) Hexametilpentano



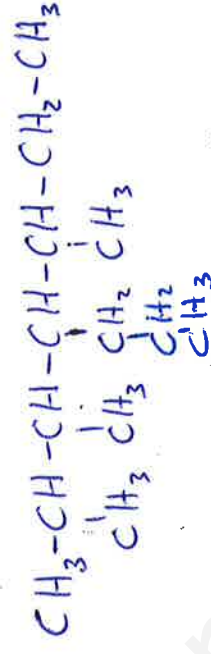
g) 2,3-dimetil-5-propildecano



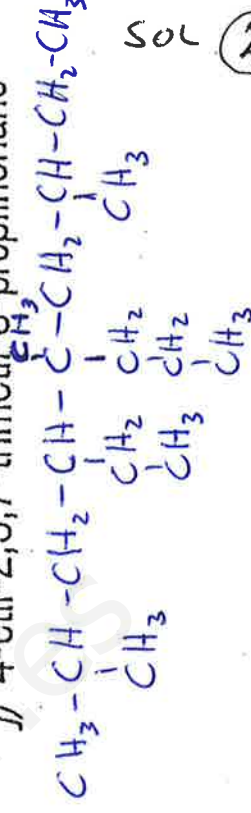
h) 4-etil-3-metildecano



i) 2,3,5-trimetil-4-propilheptano



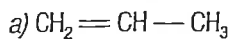
j) 4-etil-2,5,7-trimetil-5-propilnonano



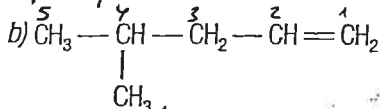
SOL

(2)

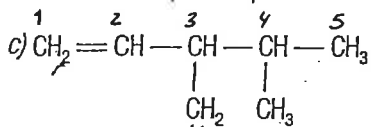
7. Nombra los siguientes compuestos:



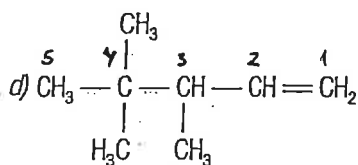
propeno



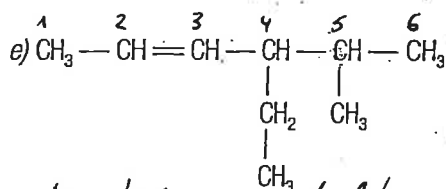
4-metilprop-1-eno



3-etil-4-metilpent-1-eno



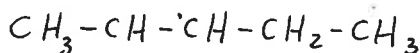
3,4,4-trimetilpent-1-eno



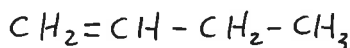
4-etil-5-metilhex-2-eno

8. Formula los compuestos siguientes:

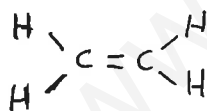
a) 2-penteno



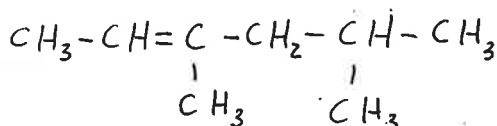
b) 1-buteno



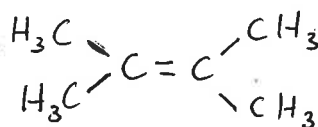
c) Eteno



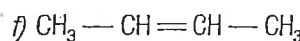
d) 3,5-dimetil-2-hexeno



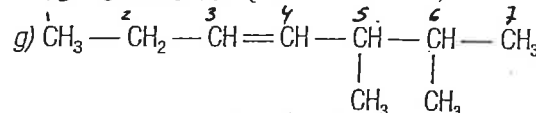
e) 2,3-dimetil-2-buteno



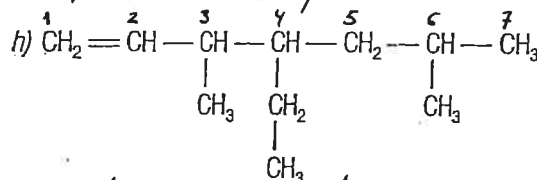
3 Sol



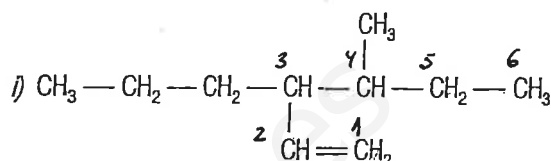
2-butenos (but-2-eno)



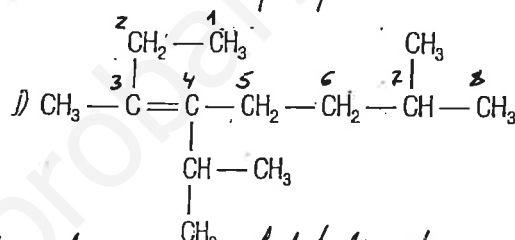
5,6-dimetilhept-3-eno



4-etil-3,6-dimetilhept-1-eno

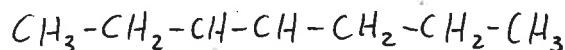


4-metil-3-propilhex-1-eno

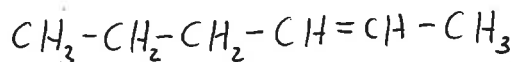


3,7-dimetil-4-(metiletil)oct-3-eno
isopropil

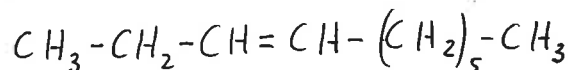
k) 3-hepteno



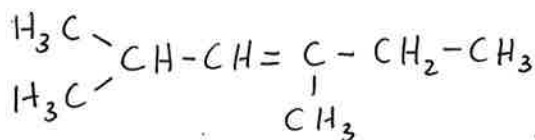
l) 2-hexeno



m) 3-deceno



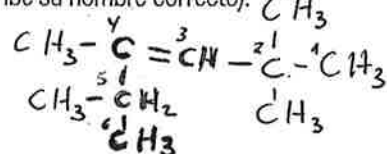
n) 2,4-dimetil-3-hexeno



o) 4,4-dimetil-2-(1-metiletil)-2-penteno

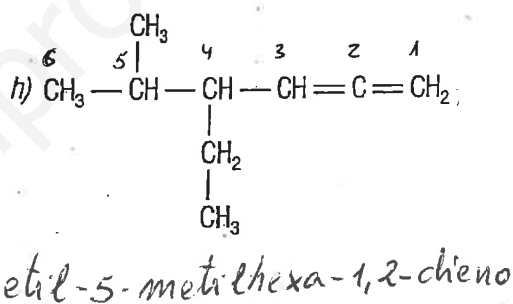
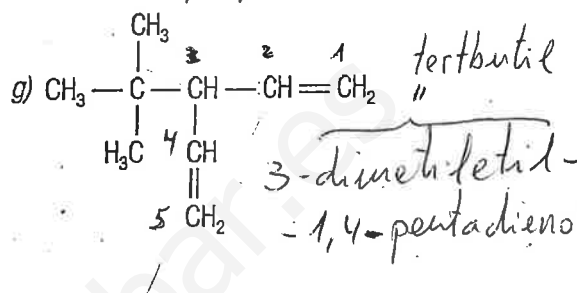
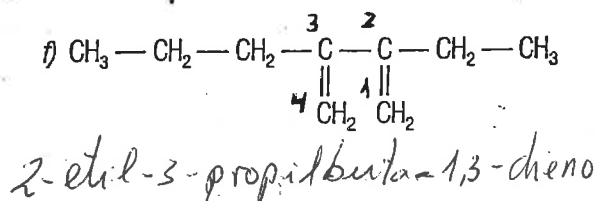
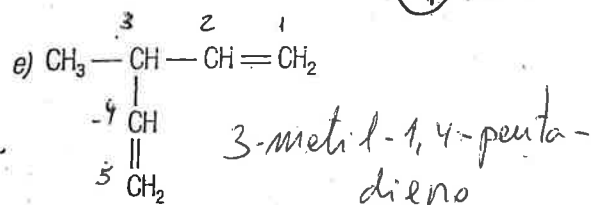
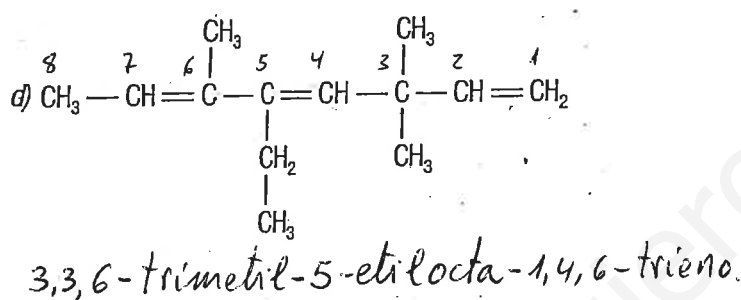
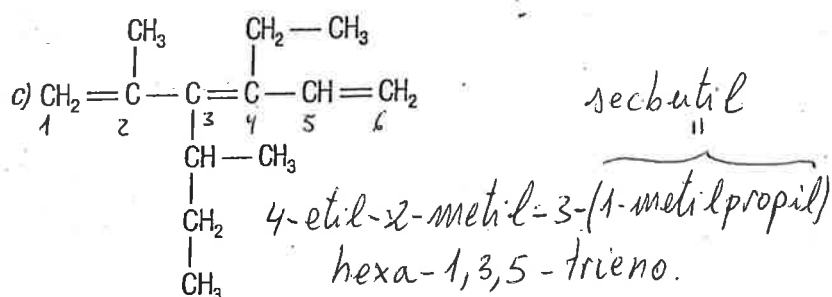
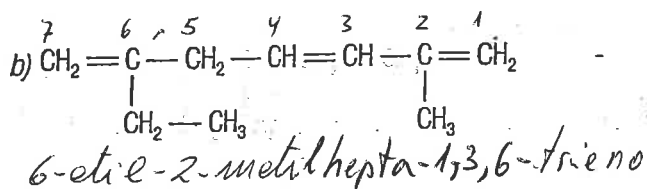
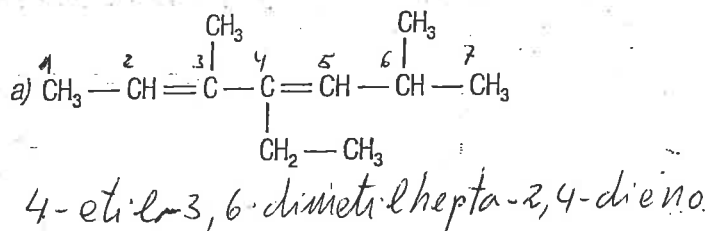
(Formula este compuesto y comprueba si está bien nombrado. Si no es así escribe su nombre correcto).

2,2,4,5-tetrametil-
-hex-3-eno



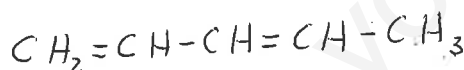
9 Nombra los siguientes compuestos:

(4) SOL

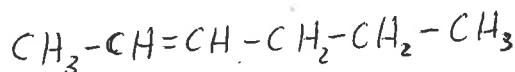


10 Formula los compuestos siguientes:

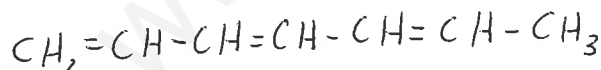
a) 1,3-pentadieno



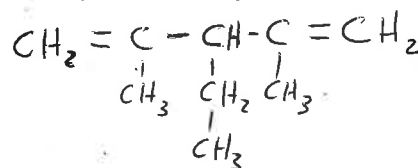
e) 2-hexeno



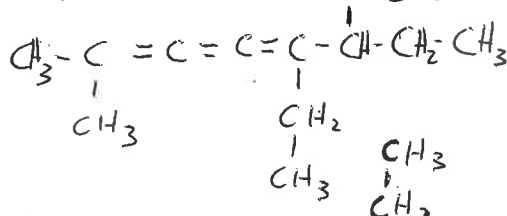
b) 1,3,5-heptatrieno



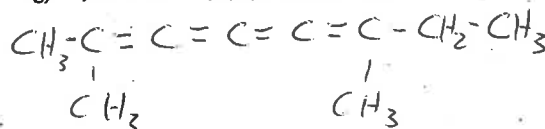
f) 3-etil-2,3-dimetil-1,4-pentadieno



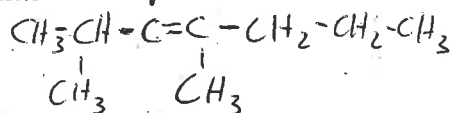
c) 5-etil-2,6-dimetil-2,3,4-octatrieno



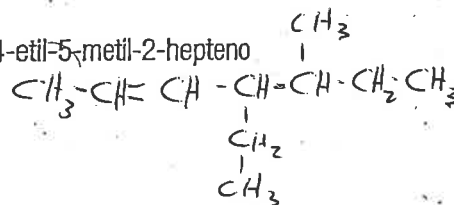
g) 2,6-dimetil-2,3,4,5-octatetraeno



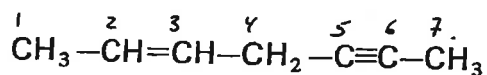
d) 3-etil-2,4-dimetil-3-hepteno



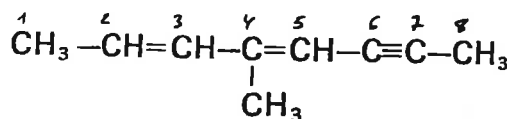
h) 4-etil-5-metil-2-hepteno



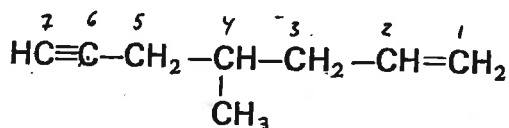
III-5



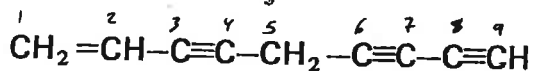
hept-2-en-5-ino



4-metilocta-2,4-dien-6-ino

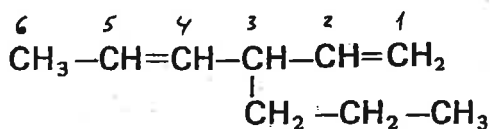


4-metilhept-1-en-6-ino

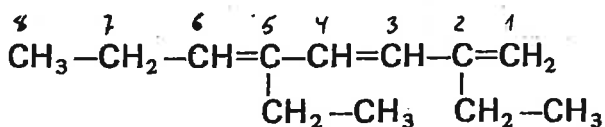


non-1-en-3,6,8-triino

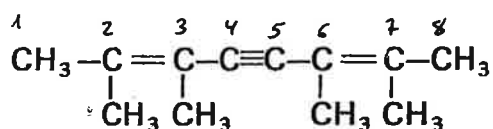
III-6



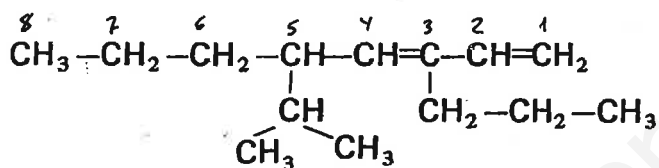
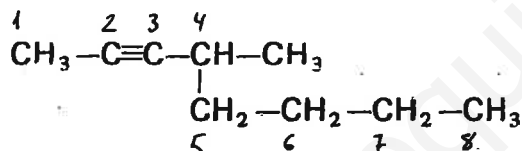
3-propilhexa-1,4-dieno



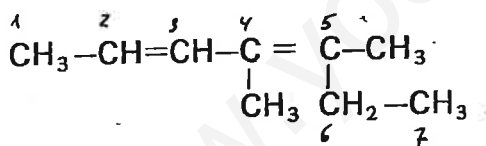
2,5-dietilocta-1,3,5-trieno



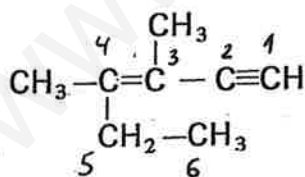
2,3,6,7-tetrametilocta-2,6-dien-4-ino

5-(metiletil)-3-propilocta-1,3-dieno
isopropil

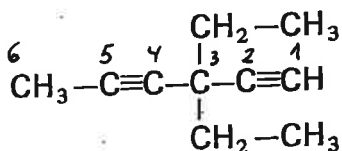
4-metiloct-2-ino



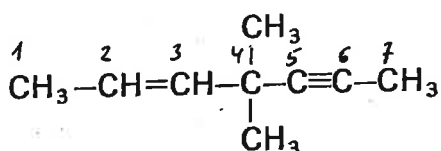
4,5-dimetilhepta-2,4-dieno



3,4-dimetilhex-3-en-1-ino



3,3-dietilhexa-1,4-diino

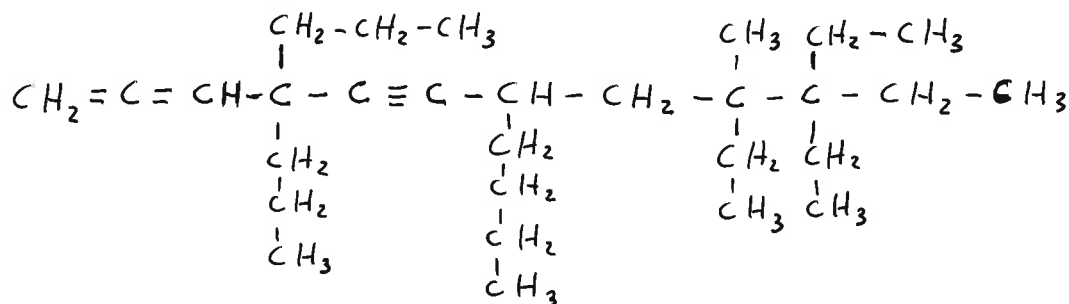


4,4-dimetilhept-2-en-5-ino

- 1) 4-metiloct-2-ino
(4-metil-2-octino)
- $$\text{CH}_3 - \text{C} \equiv \text{C} - \underset{\text{CH}_3}{\text{CH}} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$$
- 2) 3-propilhexa-1,4-dieno
(3-propil-1,4-hexadieno)
- $$\text{CH}_2 = \text{CH} - \underset{\text{CH}_2}{\underset{\text{CH}_2}{\underset{\text{CH}_3}{\text{CH}}}} - \text{CH} = \text{CH} - \text{CH}_3$$
- 3) 2,5-dietilocta-1,3,5-trieno
(2,5-dietil-1,3,5-octatrieno)
- $$\text{CH}_2 = \underset{\text{CH}_2}{\underset{\text{CH}_3}{\text{C}}} - \text{CH} = \underset{\text{CH}_2}{\text{CH}} - \underset{\text{CH}_3}{\text{C}} = \text{CH} - \text{CH}_2 - \text{CH}_3$$
- 4) hept-2-en-5-ino
(2-hepten-5-ino)
- $$\text{CH}_3 - \text{CH} = \text{CH} - \text{CH}_2 - \text{C} \equiv \text{C} - \text{CH}_3$$
- 5) 4-metilhept-1-en-6-ino
(4-metil-1-hepten-6-ino)
- $$\text{CH}_2 = \text{CH} - \text{CH}_2 - \underset{\text{CH}_3}{\text{CH}} - \text{CH} - \text{C} \equiv \text{CH}$$
- 6) non-1-en-3,6,8-triino
(1-nonen-3,6,8-triino)
- $$\text{CH}_2 = \text{CH} - \text{C} \equiv \text{C} - \text{CH}_2 - \text{C} \equiv \text{C} - \text{C} \equiv \text{CH}$$
- 7) 2,3,6,7-tetrametilocta-2,6-dien-4-ino
(2,3,6,7-tetrametil-2,6-octadien-4-ino)
- $$\text{CH}_3 - \underset{\text{CH}_3}{\text{C}} = \underset{\text{CH}_3}{\text{C}} - \text{C} \equiv \text{C} - \underset{\text{CH}_3}{\text{C}} = \underset{\text{CH}_3}{\text{C}} - \text{CH}_3$$
- 8) 5-isopropil-3-propilocta-1,3-dieno
(5-isopropil-3-propil-1,3-octadieno)
- $$\text{CH}_2 = \text{CH} - \underset{\text{CH}_2}{\underset{\text{CH}_2}{\underset{\text{CH}_3}{\text{C}}}} = \underset{\text{CH} - \text{CH}_3}{\underset{\text{CH}_3}{\text{C}}} - \text{CH} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$$
- 9) 4,5-dimetilhepta-2,4-dieno
(4,5-dimetil-2,4-heptadieno)
- $$\text{CH}_3 - \text{CH} = \underset{\text{H}_3\text{C}}{\text{CH}} - \underset{\text{CH}_3}{\text{C}} = \underset{\text{CH}_3}{\text{C}} - \text{CH}_2 - \text{CH}_3$$
- 10) 3,4-dimetilhex-3-en-1-ino
(3,4-dimetil-3-hexen-1-ino)
- $$\text{CH} \equiv \text{C} - \underset{\text{CH}_3}{\text{C}} = \underset{\text{CH}_3}{\text{C}} - \text{CH}_2 - \text{CH}_3$$
- 11) 4,4-dimetilhept-2-en-5-ino
(4,4-dimetil-2-hepten-5-ino)
- $$\text{CH}_3 - \text{CH} = \text{CH} - \underset{\text{CH}_3}{\underset{\text{CH}_3}{\text{C}}} - \text{C} \equiv \text{C} - \text{CH}_3$$
- 12) 4-metilocta-2,4-dien-6-ino
(4-metil-2,4-octadien-6-ino)
- $$\text{CH}_2 = \text{CH} = \text{CH} - \underset{\text{CH}_3}{\text{C}} = \text{CH} - \text{C} \equiv \text{C} - \text{CH}_3$$

13)

7-butil-9,10,10-trietil-9-metil-4,4-dipropildodeca-1,2-dien-5-ino
(7-butil-9,10,10-trietil-9-metil-4,4-dipropil-1,2-dodecadien-5-ino)



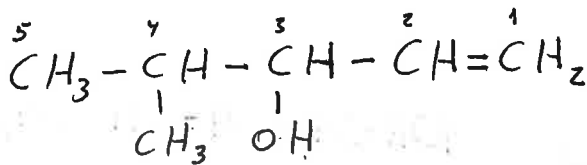
Escribe el nombre de los siguientes compuestos ⑦ SOL

CH_3OH también H_3COH
metanol

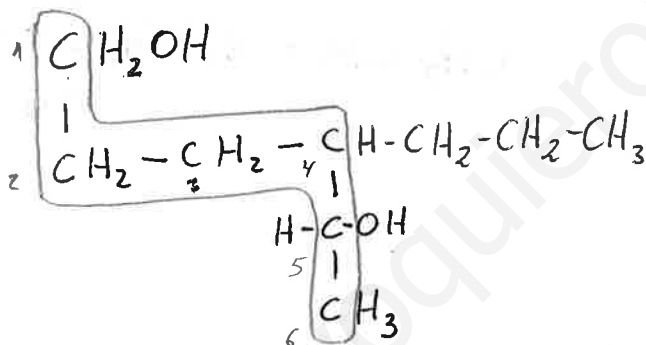
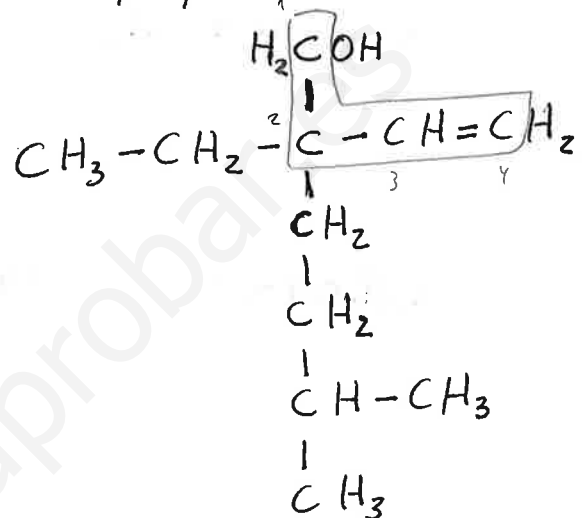
$\text{CH}_3-\text{CH}(\text{OH})-\text{CH}_2-\text{CH}_3$
butan-2-ol

$\text{CH}_2\text{OH}-\text{CHOH}-(\text{CH}_2)_3-\text{CH}_3$
hexano-1,2-diol

$\text{CH}_2\text{OH}-\text{CH}=\text{CH}_2$
2-propen-1-ol

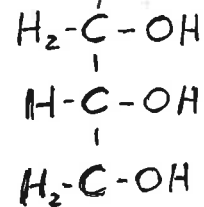


4-metilpent-1-en-3-ol



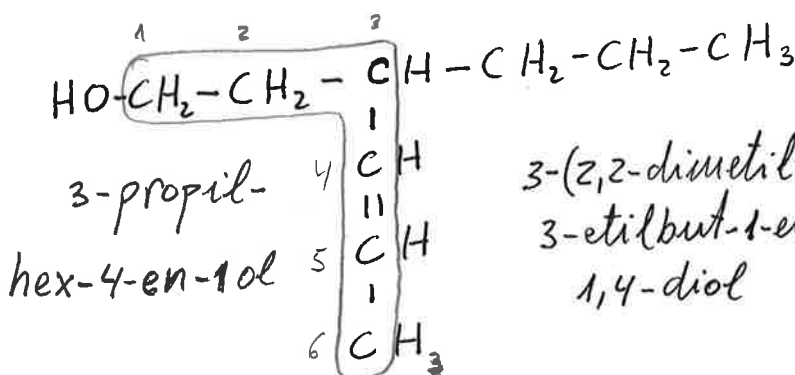
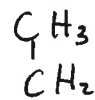
4-propilhexano-1,5-diol

2-etil-2-(3-metilbutil)but-3-en-1-ol
isopentil



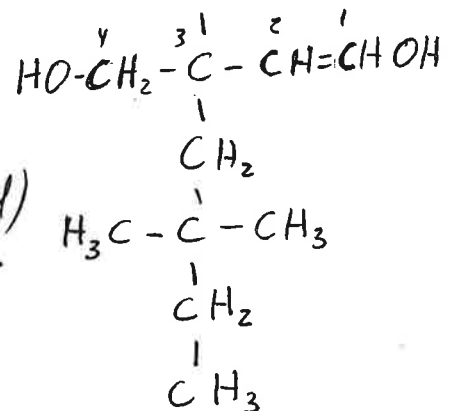
propanotriol
(glicerina)

$\text{CH}_2=\text{CH}-\text{COH}=\text{CH}-\text{C}\equiv\text{C}-\text{CH}_2\text{OH}$
hepta-4,6-dien-2-ino-1,5-diol



3-propil-
hex-4-en-1-ol

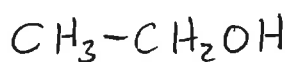
3-(2,2-dimetilbutil)
3-etilbut-1-eno-
1,4-diol



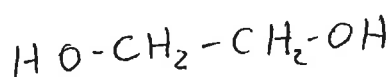
Formula los siguientes compuestos (SOLUCIÓN)

⑧ SOL

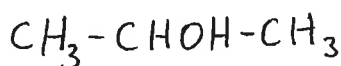
Etanol



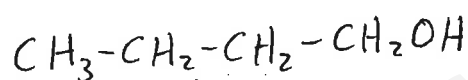
Etanodiol



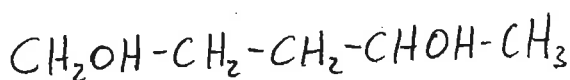
2-propanol



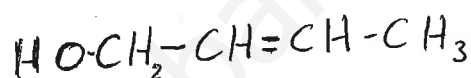
butan-1-ol



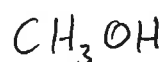
pentano-1,4-diol



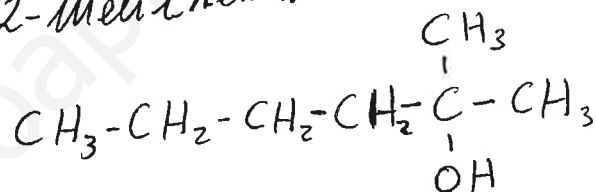
2-buten-1-ol (but-2-en-1-ol)



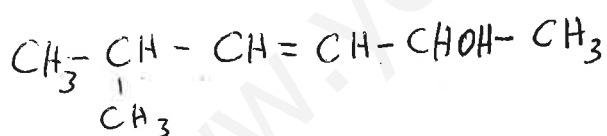
metanol



2-metilhexan-2-ol

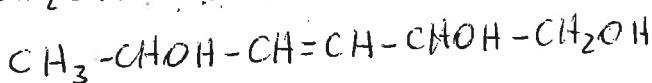
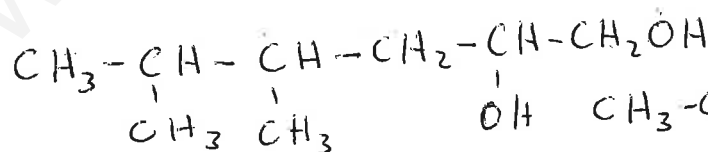


5-metilhex-3-en-2-ol

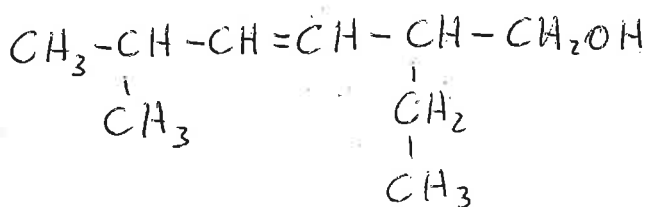


6,6-dimetilhept-4-en-2-ol

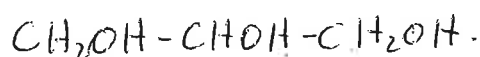
3,4-dimetilhexano-1,3-diol hex-3-eno-1,2,5-triol



2-etil-4-metilhex-3-en-1-ol

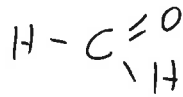


1,2,3-propanotriol
(glicerina o gliceral)

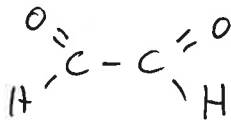


Escribe la fórmula de los siguientes compuestos. (9) SOL

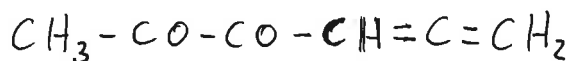
metanal



etanodial

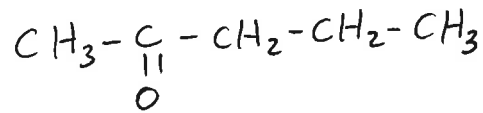


hexa-4,5-dien-2,3-diona

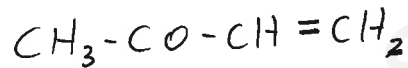


pentan-2-ona
(2-pentanona)

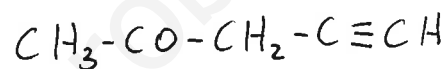
(2-pentanone)



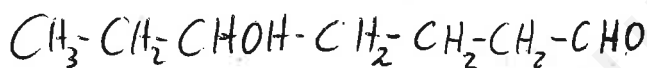
butenona



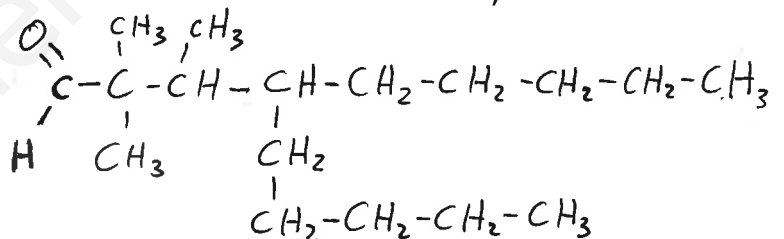
pent-4-en-2-ona



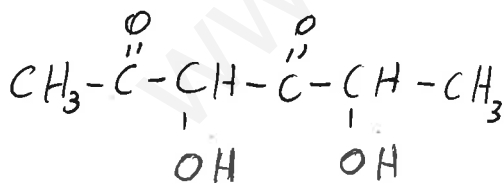
3-hidroksiheptanal



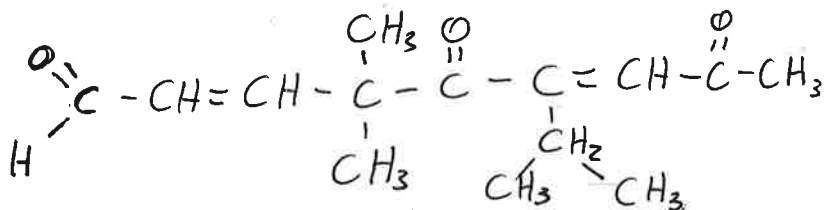
2,2,3-trimethyl-4-pentylnonanal



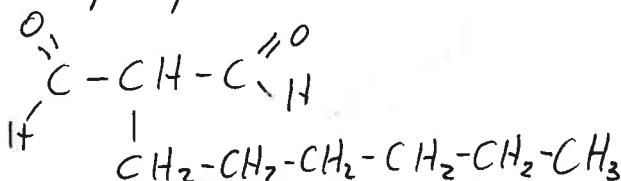
3,5-dihidroxi-2,4-hexanodiona



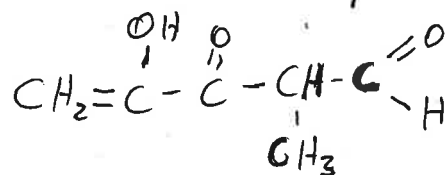
4,4-dimethyl-6(^{isopropyl}metyletil)-
-5,8-dioxonona-2,6-dienal



hexylpropanodial

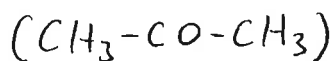
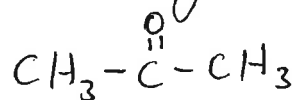


4-hidroksi-2-metil-3-okso-pent-4-enal

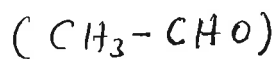
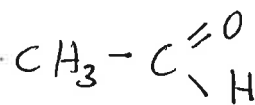


Nombra los siguientes compuestos

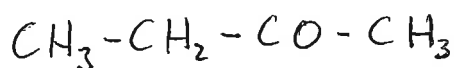
(10) SOL



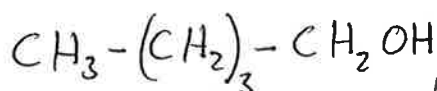
propanona



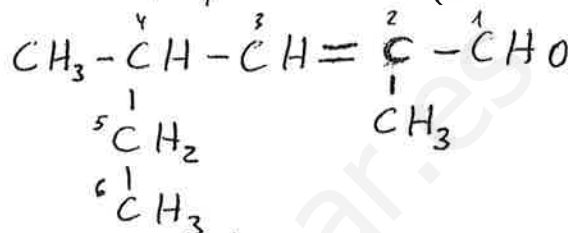
etanal



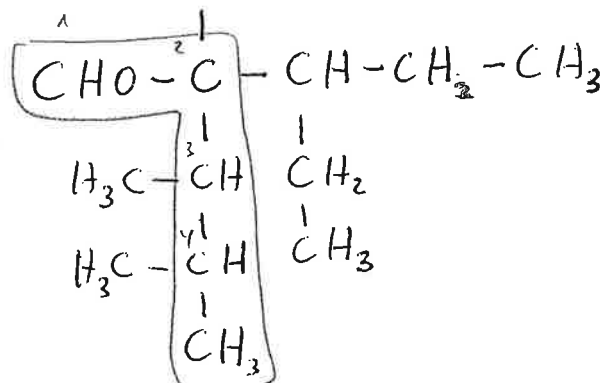
butanona



1-pentanol (pentan-1-ol)



2,4-dimetilhex-2-enal



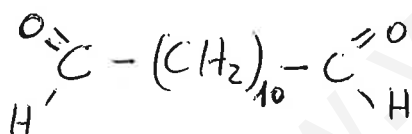
2-(1-etilpropil)-3,4-dimetil
2-propilpentanal.



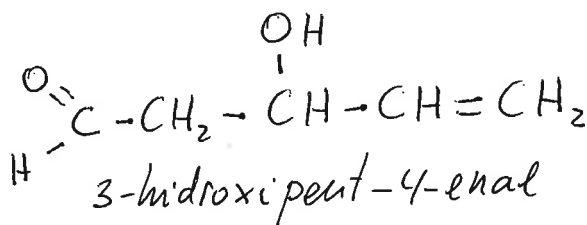
pent-1-en-4-in-3-ona



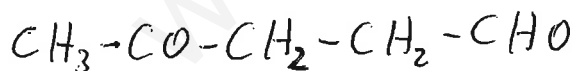
2,3-pentanediona



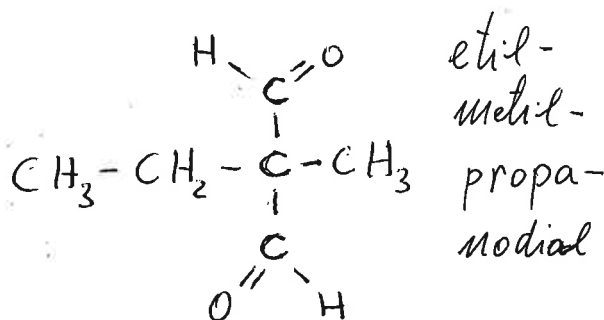
Dodecanodial



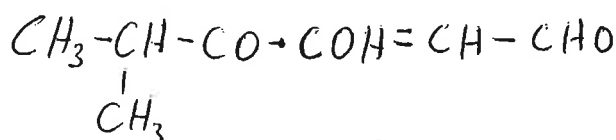
3-hidroxipent-4-enal



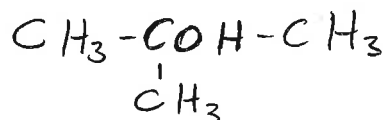
4-oxo-pentanal



etil-
metil-
propa-
nodial



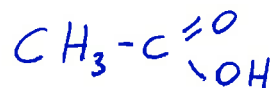
3-hidroxil-5-metil-4-oxo
hexa-2-enal



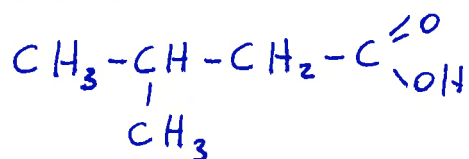
metilpropan-2-ol

Escribe las fórmulas de los siguientes compuestos (11) Sol.

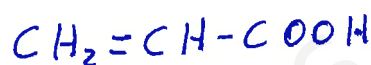
1) ácido metanoico (ácido fórmico) 2) ácido etanoico (acético)



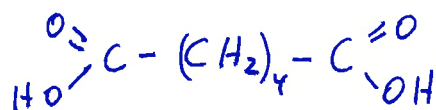
3) ácido 3-metilbutanoico



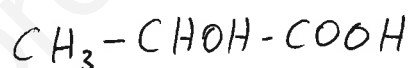
4) ácido propenoico.



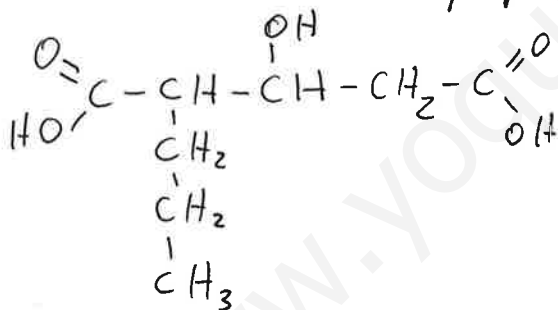
5) ácido hexanodioico
(ácido adipídico)



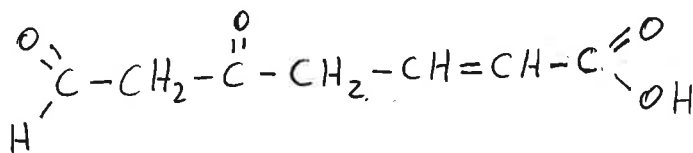
6) ácido 2-hidroxipropanoico
(ácido láctico)



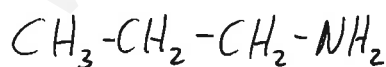
7) ácido 3-hidroxi-2-propilpentanodioico



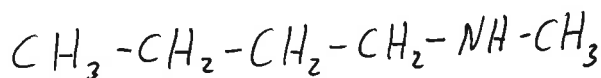
8) ácido 5,7-dioxohept-2-enoico



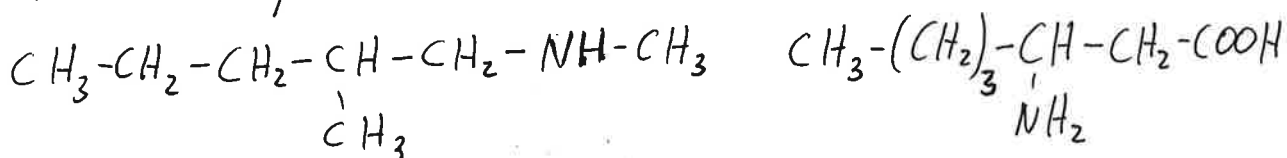
9) propanamina



10) N-metilbutanamina



11) 2,N-dimetilpentanamina 12) ácido 3-aminohexanoico.



Escribe los nombres de los siguientes compuestos. (12) SOL.

