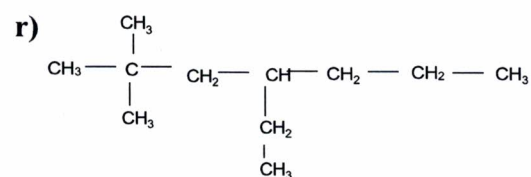
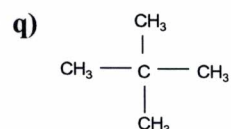
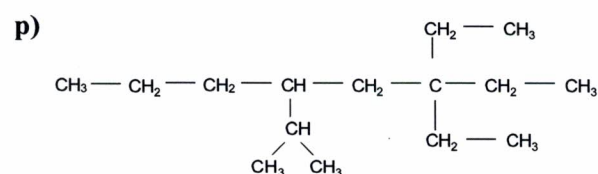
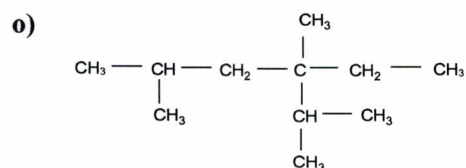
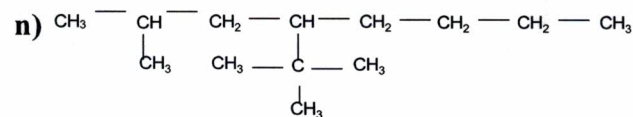
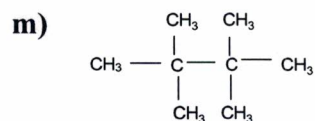
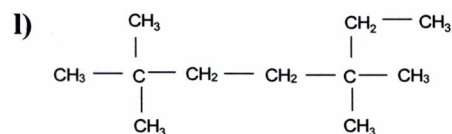
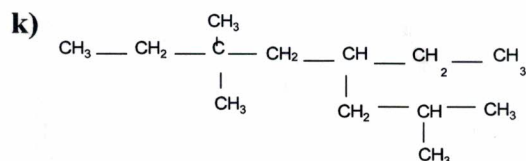
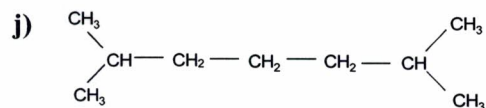
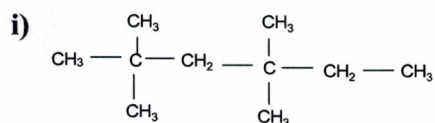
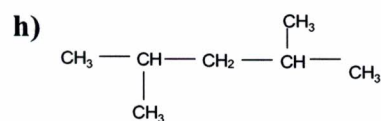
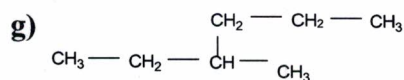
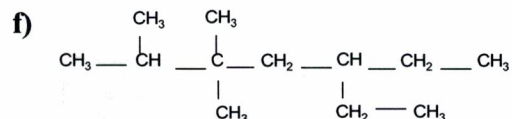
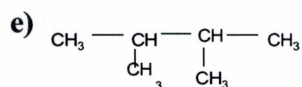
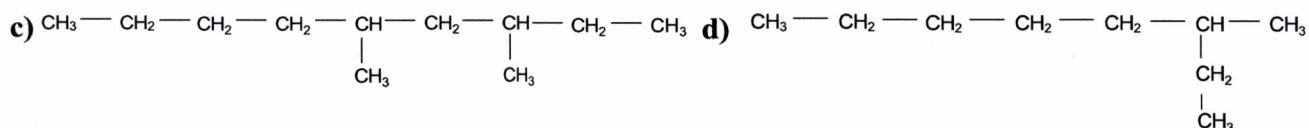
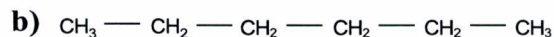


***EJERCICIOS DE
FORMULACIÓN
ORGÁNICA***

a) $\text{CH}_3 - (\text{CH}_2)_5 - \text{CH}_3$



2. Formula los siguientes compuestos:

a) Dodecano

b) 2,2-dimetilbutano

c) 3,5-dimetilheptano

d) 3-metilhexano

e) 2,3,4-trimetilpentano

f) 3,3,6-trietil-6-metiloctano

g) 4-etil-2,2,5-trimetilhexano

h) 3,3-dietil-5-isopropil-4-metiloctano

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

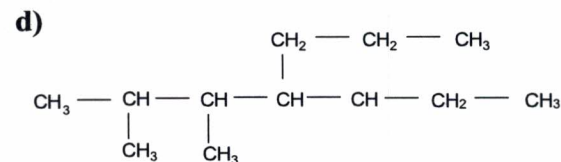
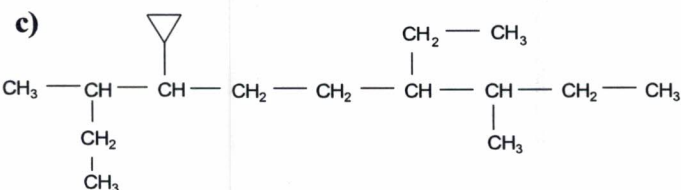
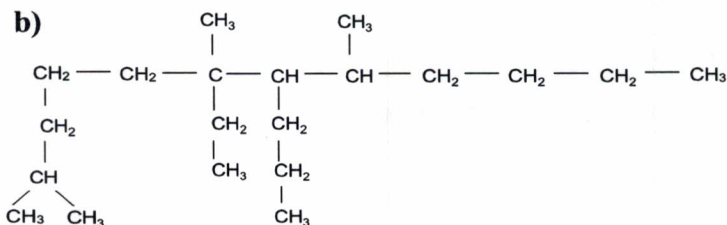
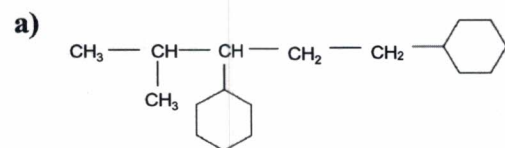
j) 2,2,3,3-tetrametilbutano

k) n-hexano

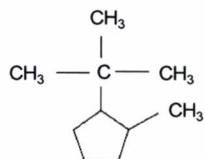
l) 6-tercbutil-4-etil-2,5,7-trimetil-5-propilnonano

m) 2,6,7-trimetil-5-(2-metilbutil)-4-propilnonano n) Neopentano

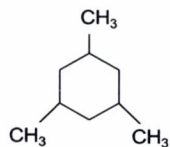
3. Nombra los siguientes hidrocarburos:



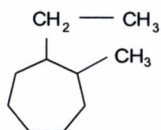
e)



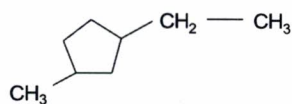
g)



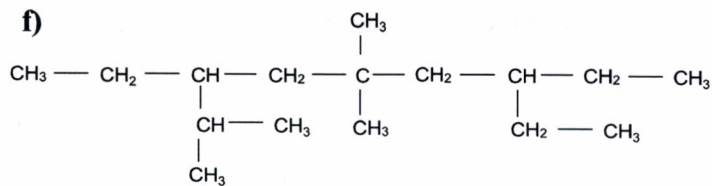
i)



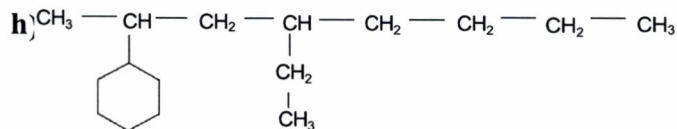
k)



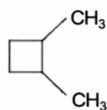
f)



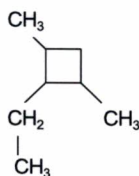
h)



j)



l)



4. Formula los siguientes compuestos:

a) 5-etil-2,3-dimetiloctano

b) 1-etil-2,2-dimetilciclohexano

c) Isohexano o 2-metilpentano

d) Ciclopentilciclohexano

e) 1,3,5-trimetilciclohexano

f) 1-etil-2-metilciclopentano

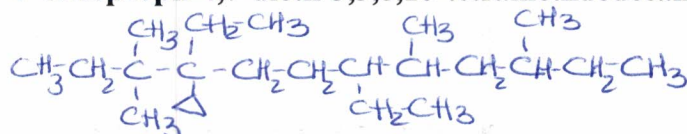
g) 1,3,3-trimetilciclopentano

h) Metilciclohexano

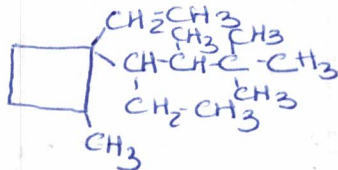
i) 2,6-dimetilheptano

j) 1,2-dietil-3-metilciclohexano

k) 4-ciclopropil-4,7-di-2,3,3-trimetilbutil-2-metilciclobutano l) Metilciclobutano



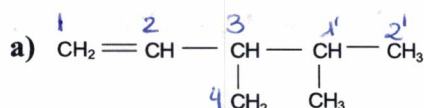
m) 1-etil-1-(1-etil-2,3,3-trimetilbutil)-2-metilciclobutano



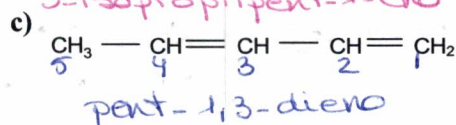
HIDROCARBUROS

Alquenos

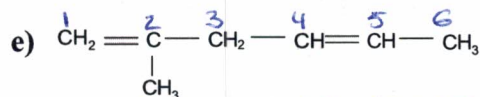
5. Nombra estos hidrocarburos:



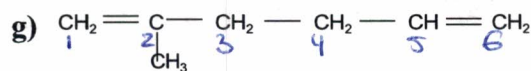
3-(1-metiletil)pent-1-eno
3-isopropilpent-1-eno



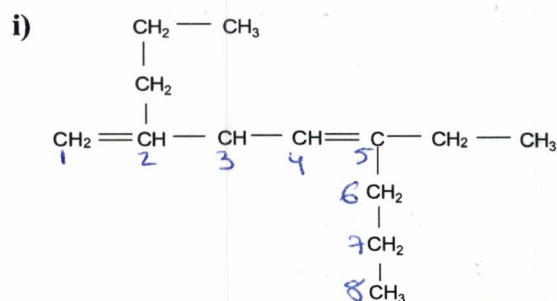
pent-1,3-dieno



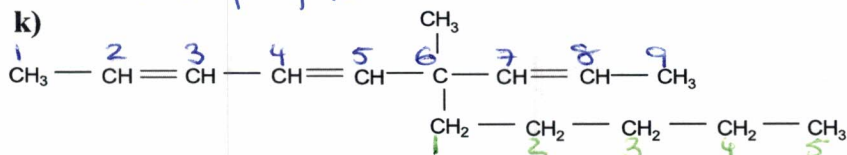
2-metilhexa-1,4-dieno



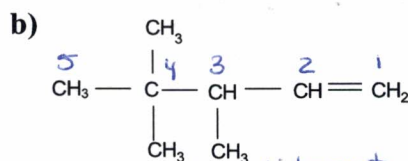
2-metilhexa-1,5-dieno



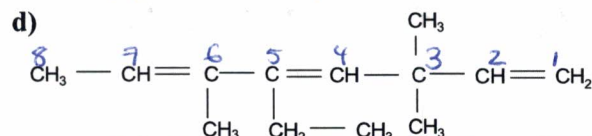
5-etil-2-propilocta-1,4-dieno



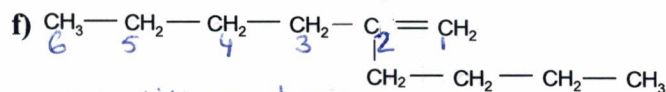
6-metil-6-pentilnona-2,4,7-trieno



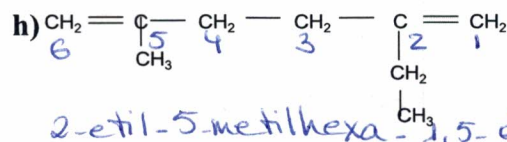
3,4,4-trimetilpent-1-eno



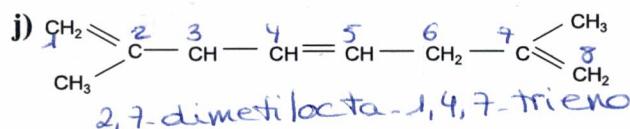
5-etil-3,3,6-trimetilocta-1,4,6-trieno



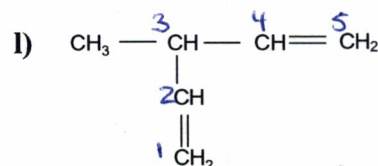
2-butilhex-1-eno



2-etil-5-metilhexa-1,5-dieno



2,7-dimetilocta-1,4,7-trieno



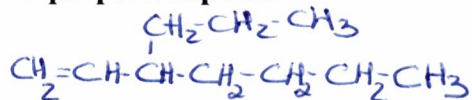
3-metilpenta-1,4-dieno

6. Formula estos compuestos:

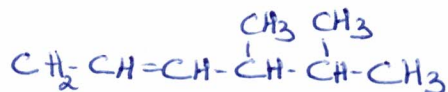
a) 3-hepteno



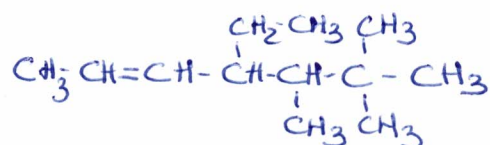
c) 3-propil-1-hepteno



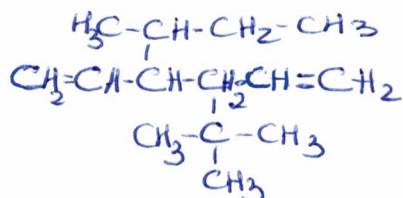
e) 4,5-dimetil-2-hexeno



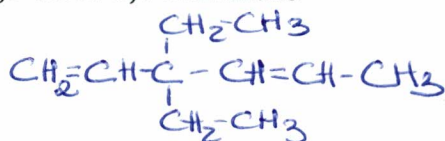
g) 4-etil-5,6,6-trimetil-2-hepteno



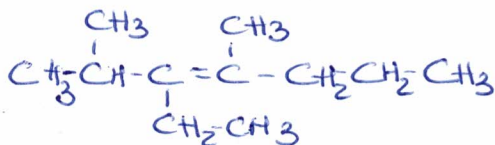
i) 4-isopropil-3-(1-metilpropil)-1,5-hexadieno



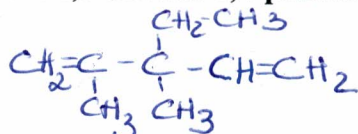
k) 3,3-dietil-1,4-hexadieno



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



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



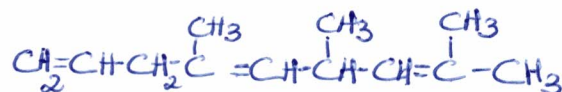
b) 1,3,6-heptatrieno



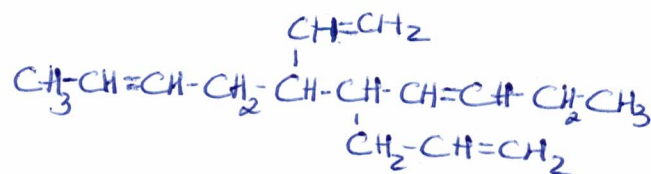
d) 2-metil-1,4-hexadieno



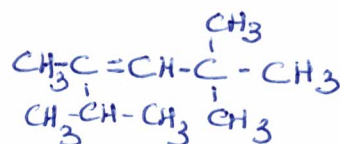
f) 4,6,8-trimetil-1,4,7-nonatrieno



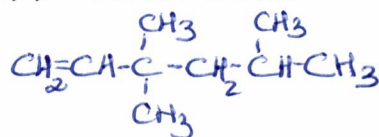
h) 6-alil-5-vinil-2,7-decadieno



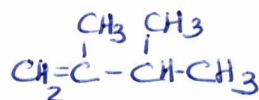
j) 2-(1-metiletil)-4,4-dimetil-2-penteno



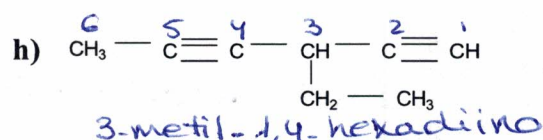
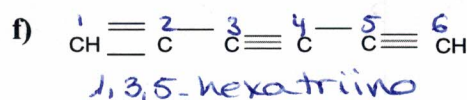
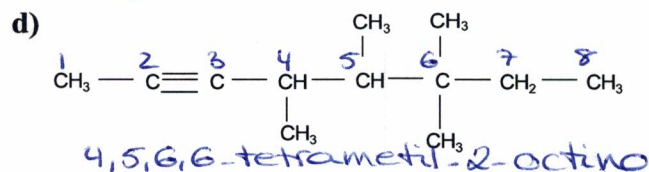
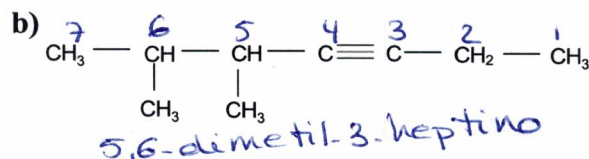
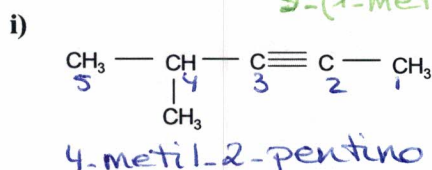
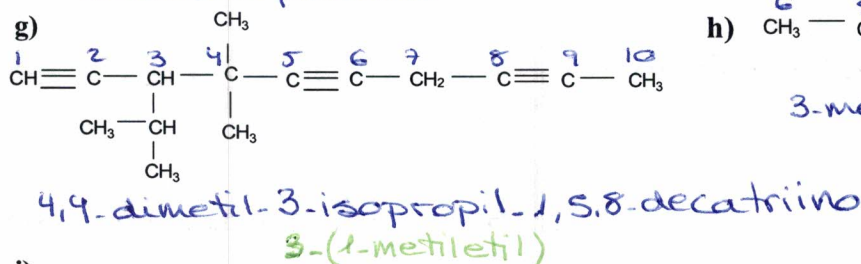
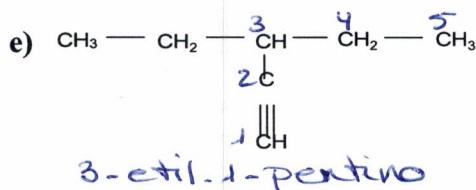
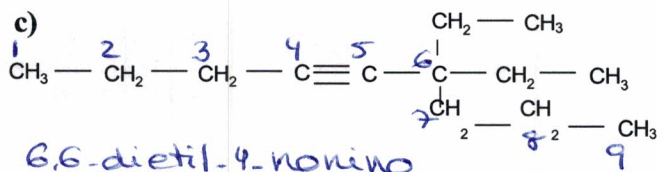
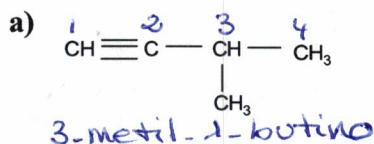
l) 3,3,5-trimetil-1-hexeno



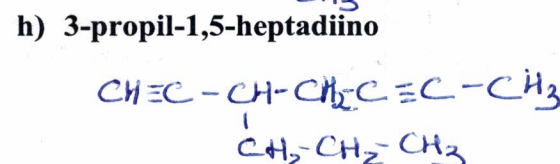
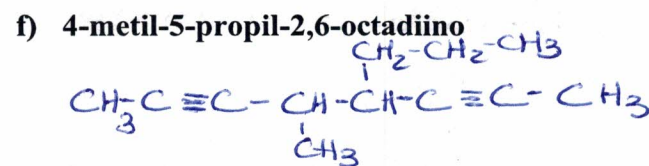
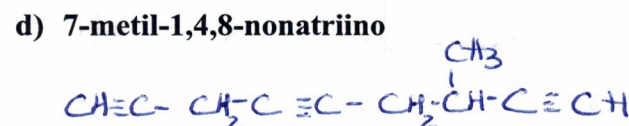
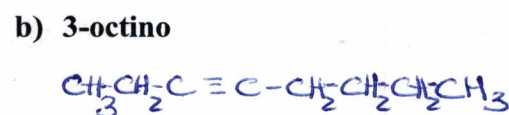
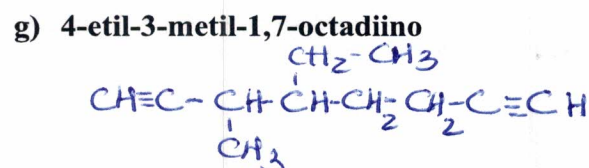
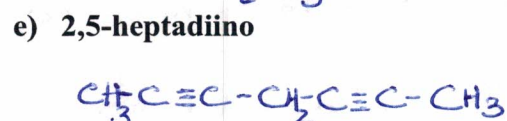
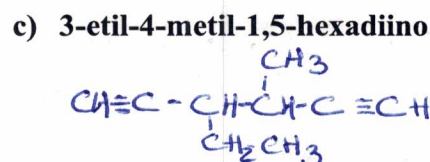
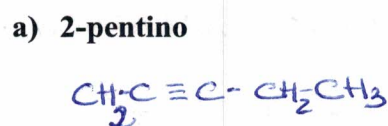
n) 2,3-dimetil-1-buten



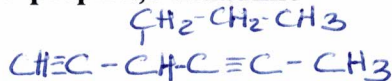
7. Nombra estos hidrocarburos:



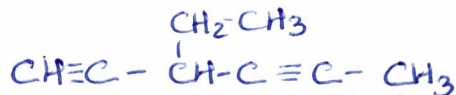
8. Formula estos compuestos:



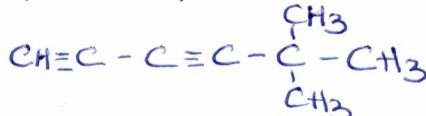
i) 3-propil-1,4-hexadieno



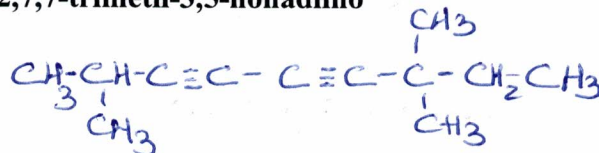
k) 3-etil-1,4-hexadieno



j) 5,5-dimetil-1,3-hexadieno



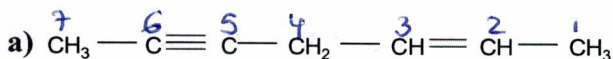
l) 2,7,7-trimetil-3,5-nonadieno



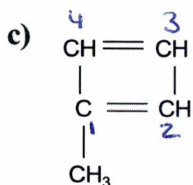
HIDROCARBUROS

Hidrocarburos insaturados

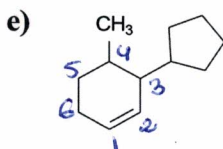
9. Nombra estos hidrocarburos:



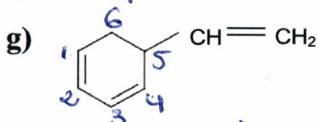
2-hepten-5-ino



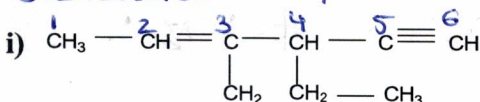
1-metilciclo-1,3-butadieno



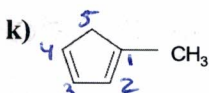
3-ciclopentil-4-metilciclo-1-hexeno



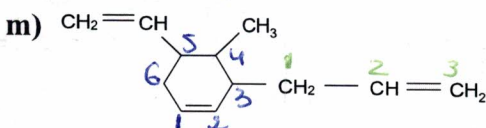
5-etencilciclo-1,3-hexadieno



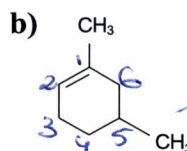
3,4-diethyl-2-hexen-5-ino



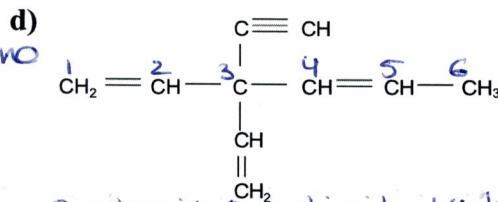
1-metilciclo-1,3-pentadieno



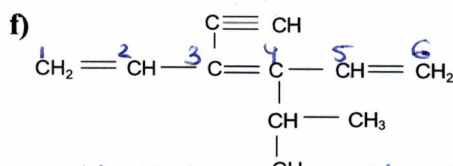
5-etencil-4-metil-3-(2-propenil)ciclo-1-hexeno
5-vinil



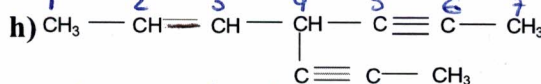
1,5-dimetilciclo-1-hexeno



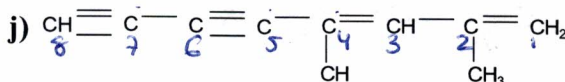
3-etencil-3-etinil-1,4-hexadieno



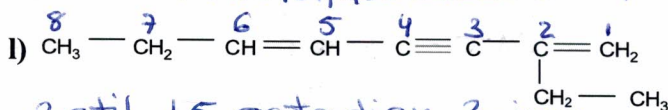
3-etinil-4-isopropil-1,3,5-hexatrieno



4-(1-propinil)-2-hepten-5-ino



2-metil-4-vinil-1,4-octadien-5,7-dieno



2-etil-1,5-octadien-3-ino



ciclo-1-hexeno

10. Formula estos compuestos:

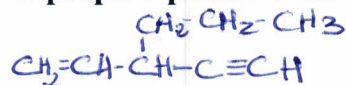
a) 1,5-heptadien-3-ino



c) 3,5-heptadien-1-ino



e) 3-propil-1-penten-4-ino



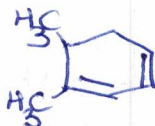
g) 1-buten-3-ino



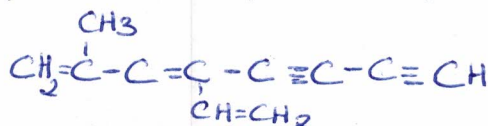
i) 1,3,5-ciclohexatrieno



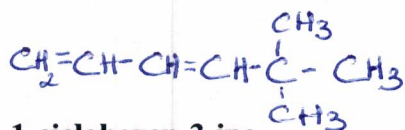
k) 4,5-dimetil-1,3-ciclohexadieno



m) 2-metil-4-vinil-1,3-octadien-5,7-diino



o) 5,5-dimetil-1,3-hexadieno



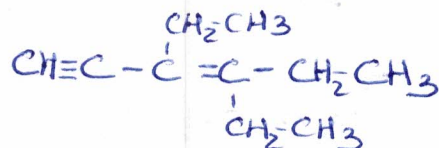
q) 1-ciclohexen-3-ino



s) 1,3-ciclohexadien-5-ino



u) 3,4-diethyl-4-hexen-1-ino



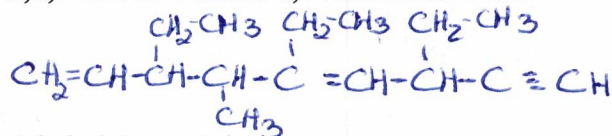
b) 1-nonen-3,5,7-triino



d) 1,5,6-decadien-3,8-diino



f) 3,5,7-trietil-4-metil-1,5-nonadien-8-ino



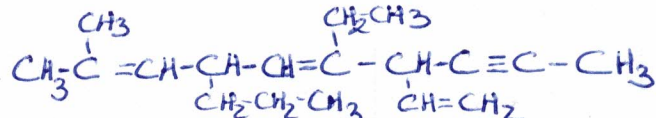
h) 1,3,6-ciclooctatrieno



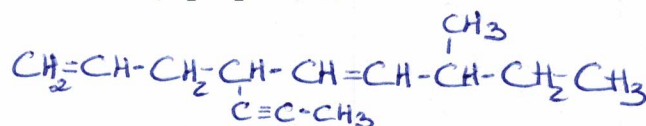
j) Ciclobutino



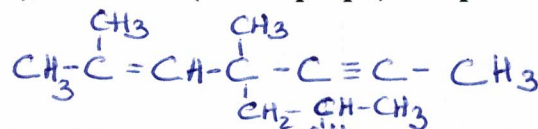
l) 6-etil-7-etinil-2-metil-4-propil-2,5-decadien-8-ino



n) 7-metil-4-(1-propinil)-1,5-nonadieno



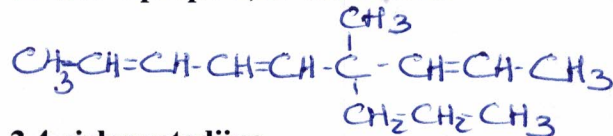
p) 2,4-dimetil-4-(2-metilpropil)-2-hepten-5-ino



r) 3,5-cicloheptadien-1-ino



t) 6-metil-6-propil-2,4,7-nonatrieno



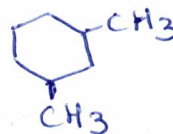
v) 2,4-ciclopentadieno



w) 2,4,6-cicloheptatrieno



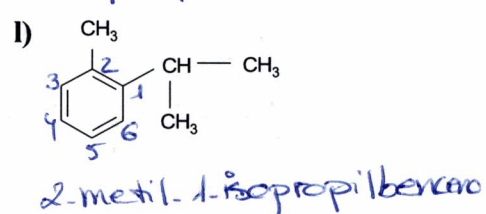
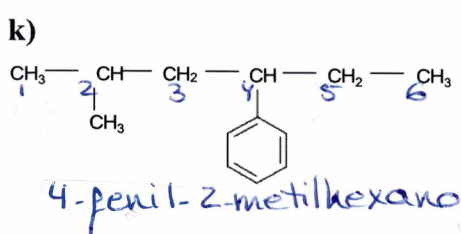
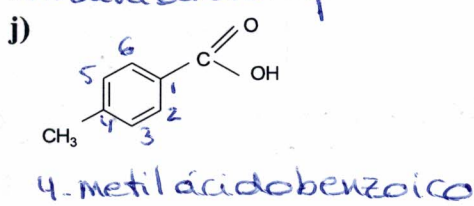
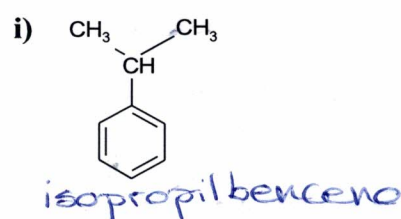
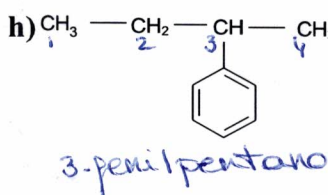
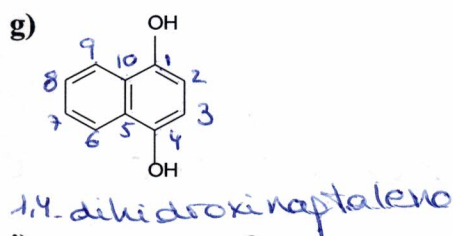
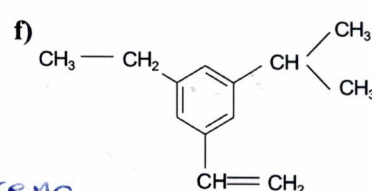
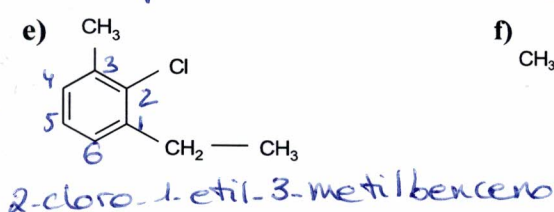
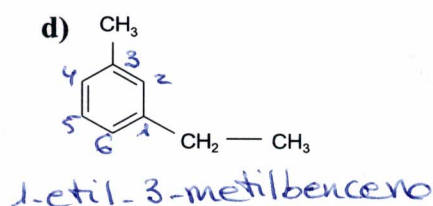
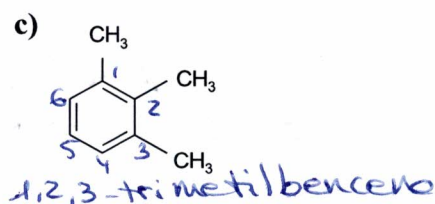
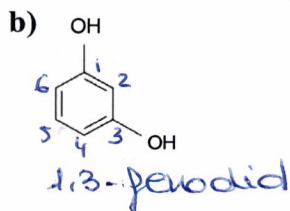
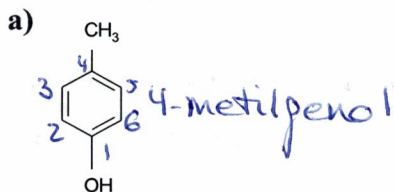
x) 1,3-dimetilciclohexeno



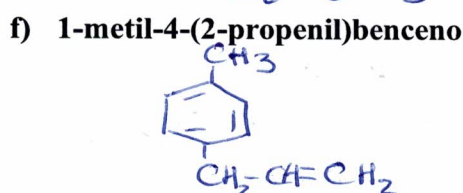
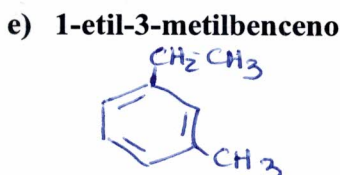
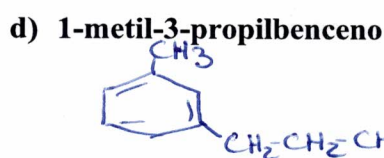
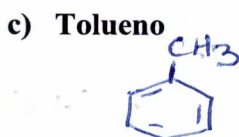
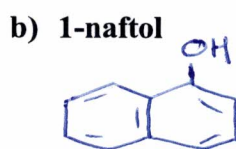
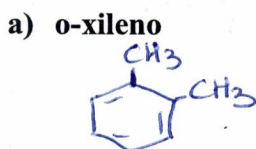
HIDROCARBUROS

Hidrocarburos aromáticos

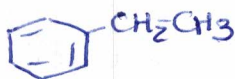
11. Nombra estos hidrocarburos:



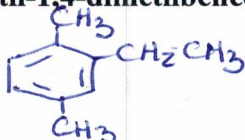
12. Formula estos compuestos:



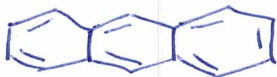
g) Etilbenceno



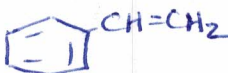
i) 2-etil-1,4-dimetilbenceno



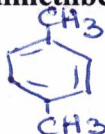
k) Antraceno



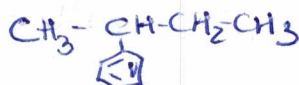
m) Vinilbenceno



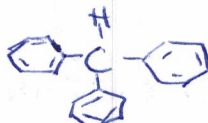
o) p-dimetilbenceno



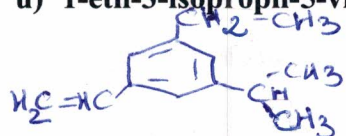
q) 2-fenilbutano



s) Trifenilmetano



u) 1-etil-3-isopropil-5-vinilbenceno



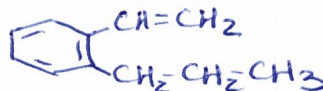
w) Difenilacetileno



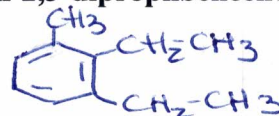
h) Fenilacetileno



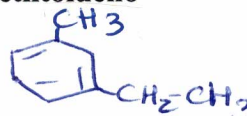
j) o-propilvinilbenceno



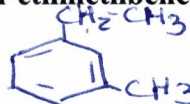
l) 1-metil-2,3-dipropilbenceno



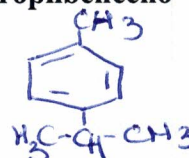
n) m-etiltolueno



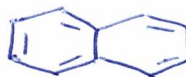
p) m-etilmetilbenceno



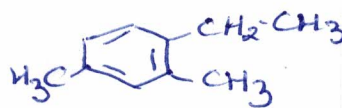
r) p-metilisopropilbenceno



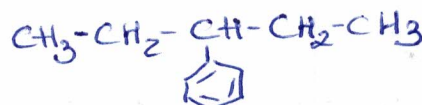
t) Naftaleno



v) 1-etil-2,4-dimetilbenceno



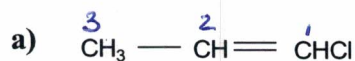
x) 3-fenilpentano



HIDROCARBUROS

Derivados halógenos

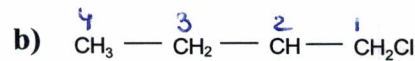
13. Nombra estos hidrocarburos:



1-cloro-1-propeno



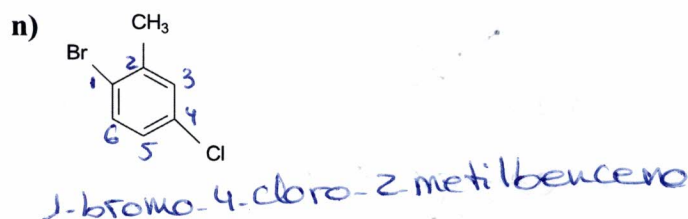
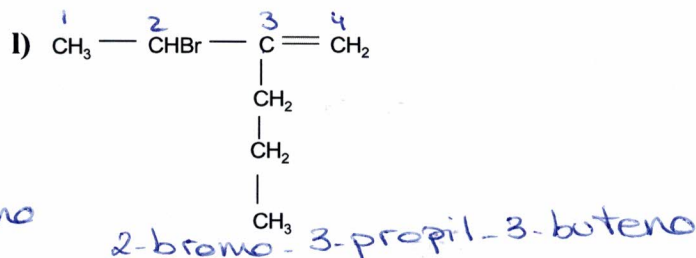
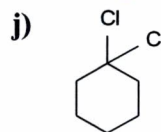
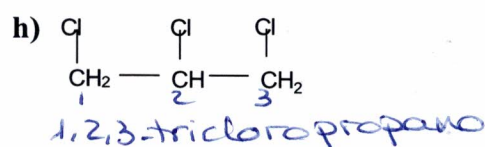
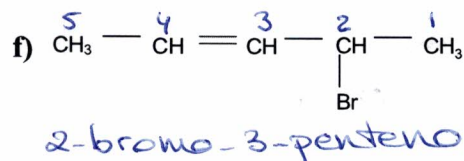
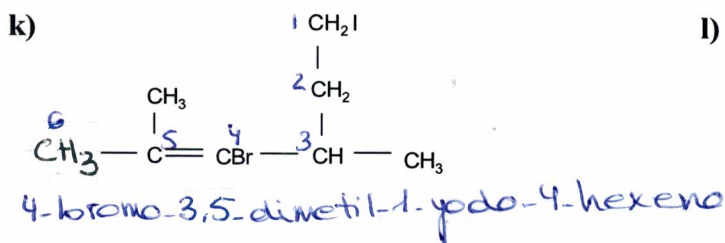
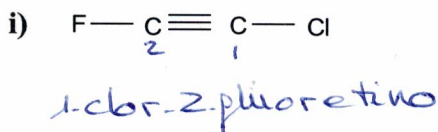
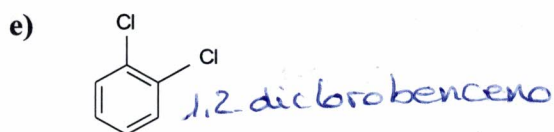
1,1-dicloro-3-butino



1-cloro-2-metilbutano

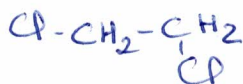


1,1-dibromo-2-buteno

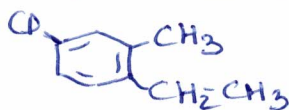


14. Formula estos compuestos:

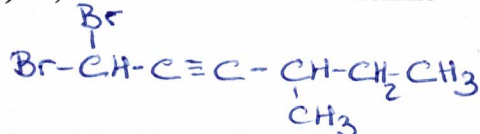
a) 1,2-dicloroetano



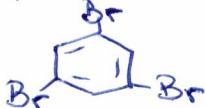
c) 4-cloro-2-etil-1-metilbenceno



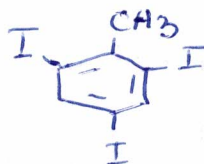
e) 1,1-dibromo-4-metil-2-hexino



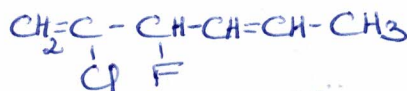
g) 1,3,5-tribromobenceno



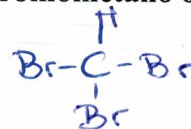
i) 2,4,6-triyodotolueno



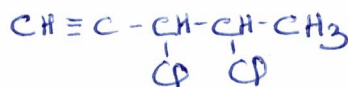
b) 2-cloro-3-flúor-1,4-hexadieno



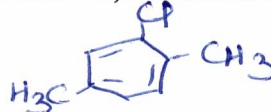
d) Tribromometano o bromoformo



f) 3,4-dicloro-1-pentino



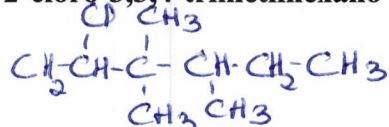
h) 1-cloro-2,5-dimetilbenceno



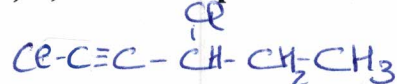
j) Bromoacetileno



k) 2-cloro-3,3,4-trimetilhexano



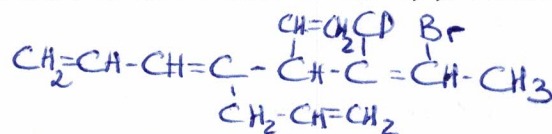
m) 1,3-dicloro-1-pentino



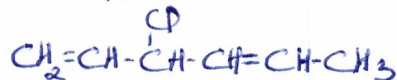
o) Yodociclopentano



l) 4-alil-7-bromo-6-cloro-5-vinil-1,3,6-octatrieno



n) 3-cloro-1,4-hexadieno



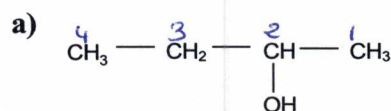
p) Bromociclohexino



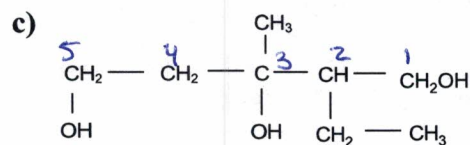
COMPUESTOS OXIGENADOS

Alcoholes

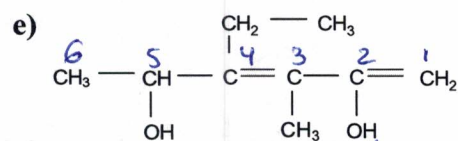
15. Nombra los siguientes compuestos:



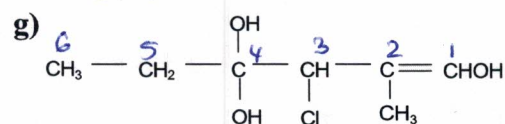
2-butanol



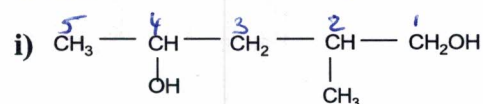
2-etil-3-metil-1,3,5-pentanotriol



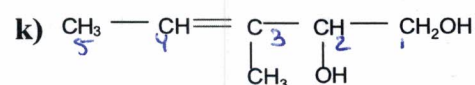
4-etil-2,5-hex-1-enotriol



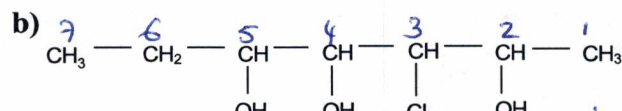
3-cloro-2-metil-1,4,4-hex-1-enotriol



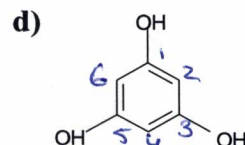
2-metil-1,4-pentanodiol



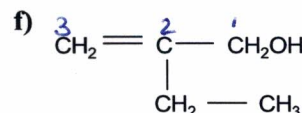
3-metil-1,2-pent-3-enodiol



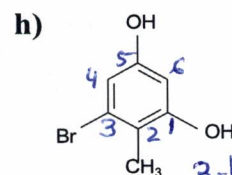
3-cloro-2,4,5-heptanotriol



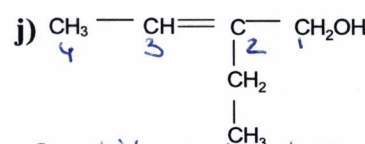
1,3,5-benzenetriol



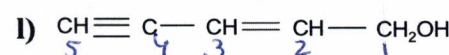
2-etil-1-prop-3-enol



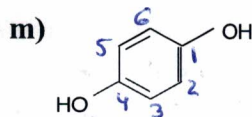
3-bromo-2-metil-1,5-benzenodiol



2-etil-1-but-2-enol



1-pent-2-en-4-inol



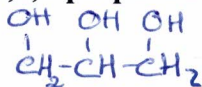
1,4-benzenodiol

16. Formula estos compuestos:

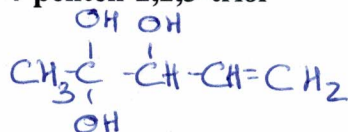
a) Metanol



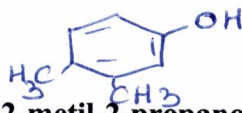
c) 1,2,3-propanotriol



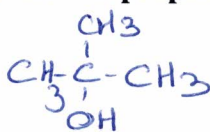
e) 4-penten-2,2,3-triol



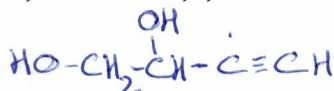
g) 3,4-dimetil-1-fenol



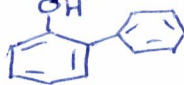
i) 2-metil-2-propanol



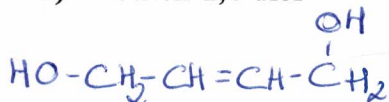
k) 3-buten-1,2,-diol



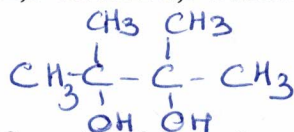
m) 2-fenilfenol



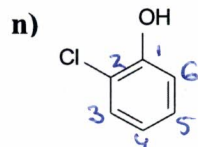
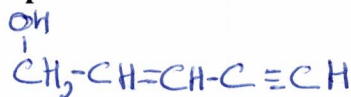
o) 2-buten-1,4-diol



q) 2,3-dimetil-2,3-butanodiol

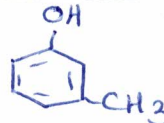


s) 2-penten-4-in-1-ol

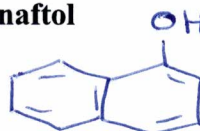


2-clorofenol

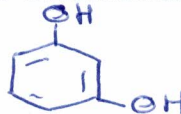
b) m-metilfenol



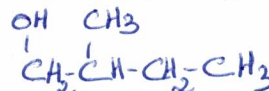
d) 1-naftol



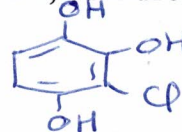
f) 1,3-benzenodiol



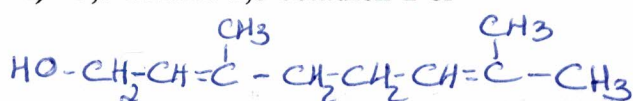
h) 2-metil-1-butanol



j) 3-cloro-2,4-dihidroxifenol



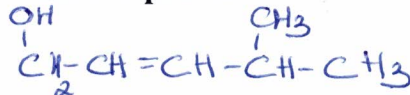
l) 3,7-dimetil-2,6-octadien-1-ol



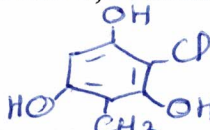
n) 2-propen-1-ol



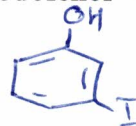
p) 4-metil-2-penten-1-ol



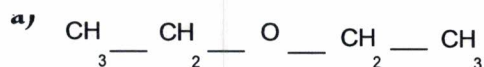
r) 2-cloro-3,5-dihidroxi-4-metilfenol



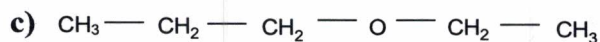
t) 3-yodofenol



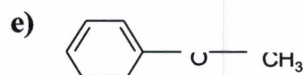
17. Nombra los siguientes compuestos:



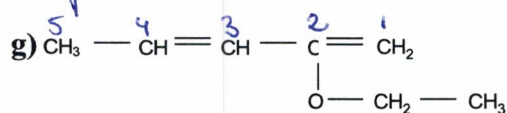
diétiléter



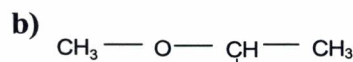
etilpropiléter



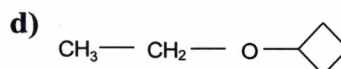
fenilmetiléter



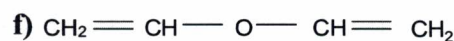
2-etoxi-1,3-pentadieno



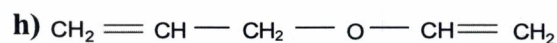
isopropilmetiléter



ciclobutiléter



diviniléter
dieteniléter



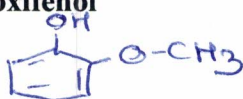
alilviniléter
etenil-2-propeniléter

18. Formula estos compuestos:

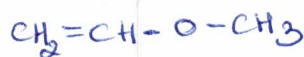
a) Dimetiléter



c) 2-metoxifenol



e) Metilviniléter

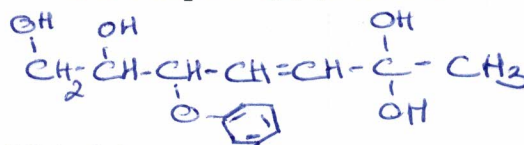


g) Etilmetiléter

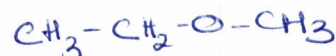


i) Difeniléter

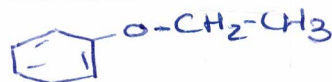
b) 3-fenoxi-4-hepten-1,2,6,6-tetraol



d) Metoxietano



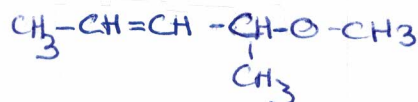
f) Etoxibenceno



h) Bencilfeniléter

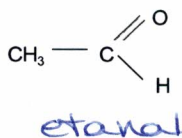


j) Metoxi-1-metil-2-buten-3-ol

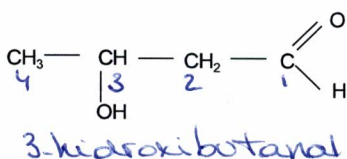


19. Nombra los siguientes compuestos:

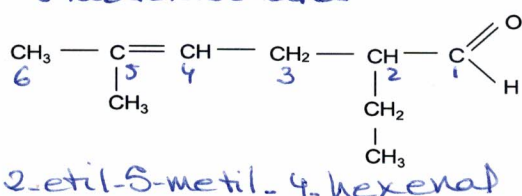
a)



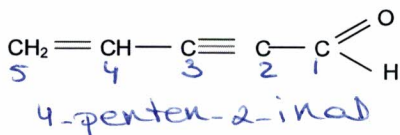
c)



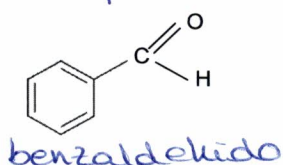
e)



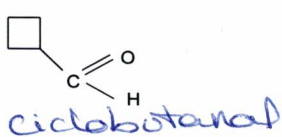
g)



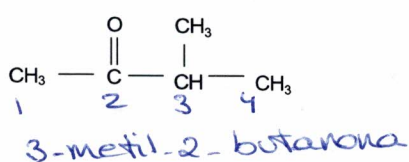
i)



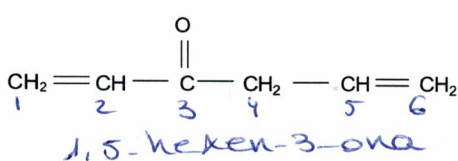
k)



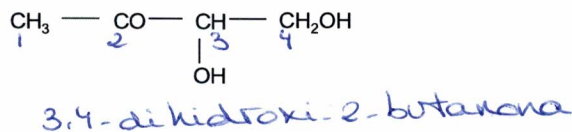
m)



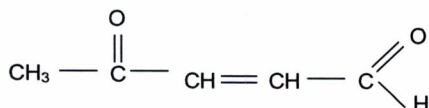
o)



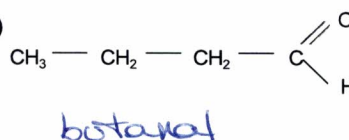
q)



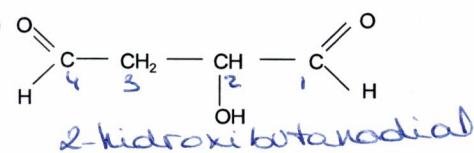
s)



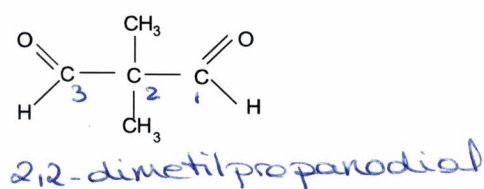
b)



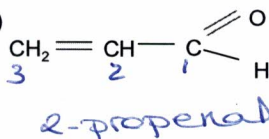
d)



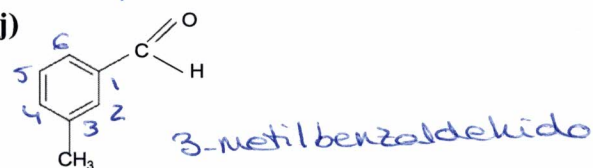
f)



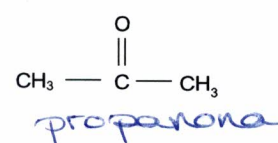
h)



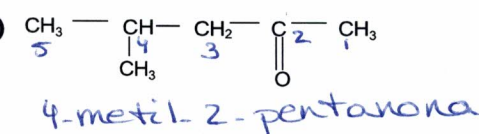
j)



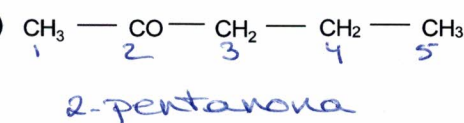
l)



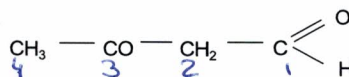
n)



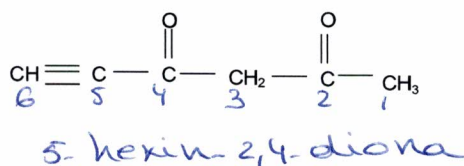
p)

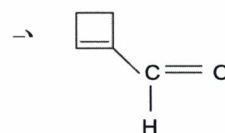
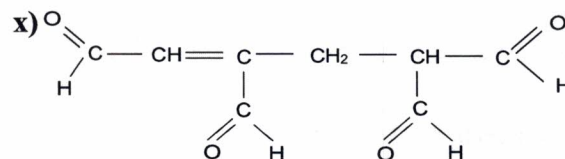
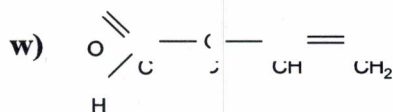
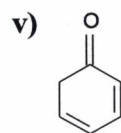
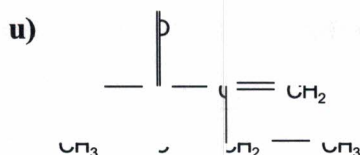


r)



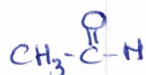
t)





20. Formula estos compuestos:

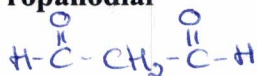
a) Etanal (acetaldehído)



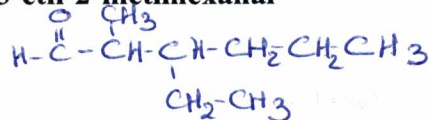
b) Metanal (formaldehído)



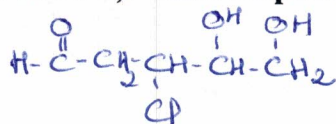
c) Propanodial



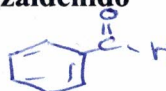
d) 3-etil-2-metilhexanal



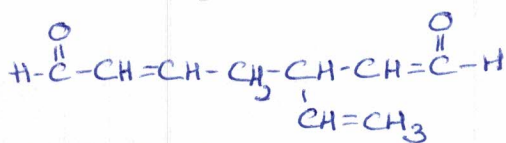
e) 3-cloro-4,5-dihidroxipentanal



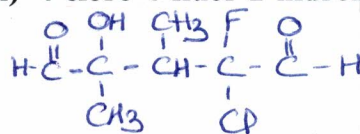
f) Benzaldehído



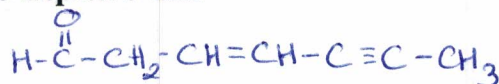
g) 5-etenil-2,6-heptadienal



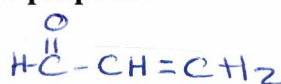
h) 4-cloro-4-flúor-2-hidroxi-2,3-dimetilpentanodial



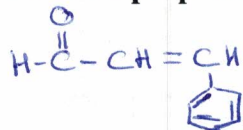
i) 3-hepten-5-inal



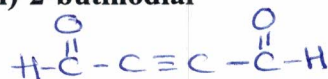
j) 2-propenal



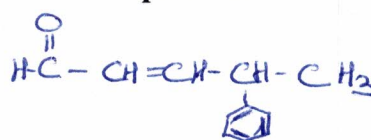
k) 3-fenil-2-propenal



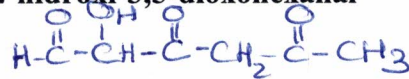
m) 2-butinodial



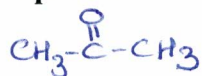
l) 4-fenil-2-pentinal



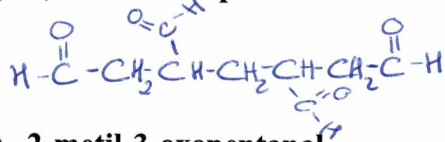
n) 2-hidroxi-3,5-dioxohexanal



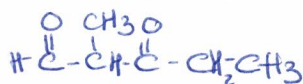
o) Propanona



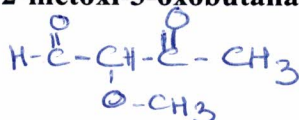
q) 3,5-diformilheptanodial



s) 2-metil-3-oxopentanal



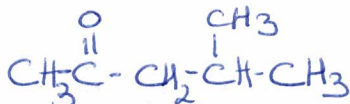
u) 2-metoxi-3-oxobutanal



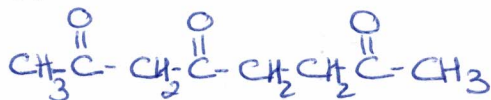
w) 2,4-ciclohexanodienona



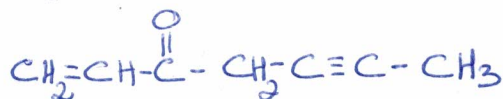
y) 4-metil-2-pentanona



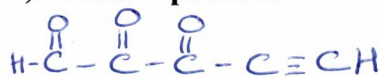
aa) 2,4,7-octanotriona



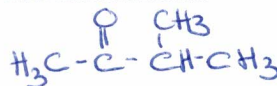
bb) 1-hepten-5-in-3-ona



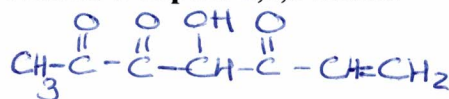
p) 2,3-dioxo-4-pentinal



r) Metilbutanona



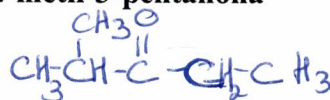
t) 4-hidroxi-6-hepten-2,3,5-triona



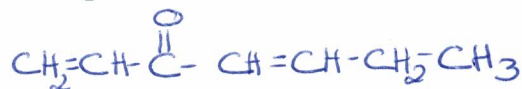
v) 3-ciclopentenona



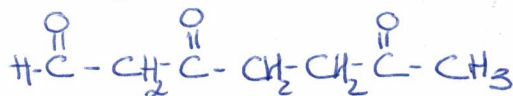
x) 2-metil-3-pentanona



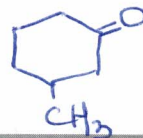
z) 1,4-heptadien-3-ona



3,6-dioxoheptanal



cc) 4-metil-2-ciclohexenona



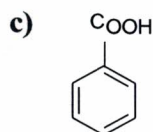
COMPUESTOS OXIGENADOS

Ácidos carboxílicos

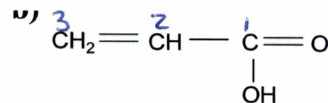
21. Nombra los siguientes compuestos:



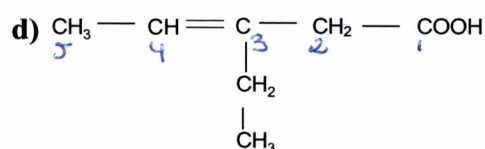
ácido propanoico



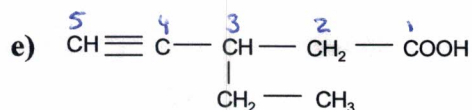
ácido benzoico



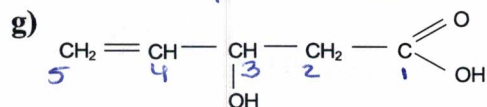
ácido 2-propenoico



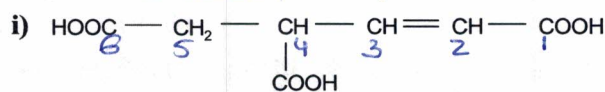
3-etil-3-pentenoico



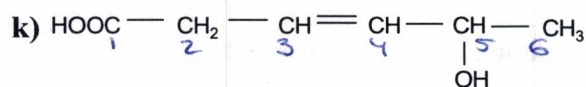
ácido 3-etil-4-pentinoico



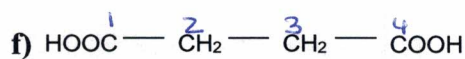
ácido 3-hidroxi-4-pentinoico



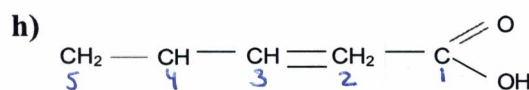
4-carboxiácido 2-hexenodioico



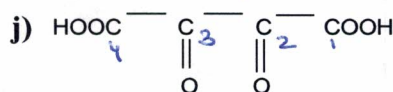
ácido 5-hidroxi-3-hexenoico



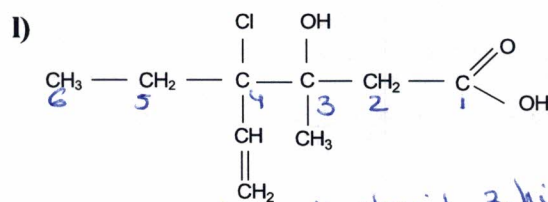
ácido butanodioico



ácido 2-pentinoico



ácido 2,3-dioxobutanodioico



ácido 4-cloro-4-eteno-3-hidroxi-3-metilhexanoico

22. Formula estos compuestos:

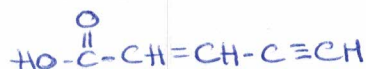
a) Ácido acético



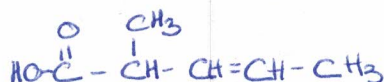
c) Ácido oxálico o ácido etanodioico



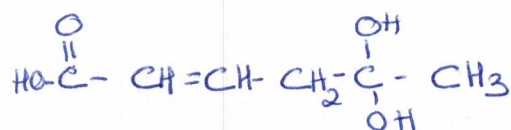
e) Ácido 2-penten-4-inoico



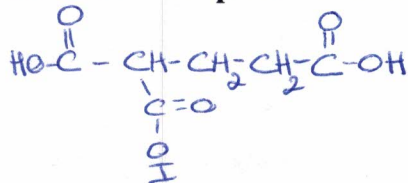
g) Ácido 2-metil-3-pentinoico



i) Ácido 5,5-dihidroxi-2-hexenoico



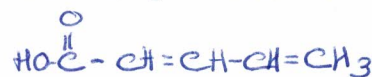
k) Ácido 2-carboxipentanodioico



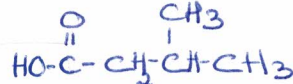
b) Ácido benzoico



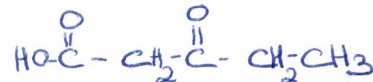
d) Ácido 2,4-pentadienoico



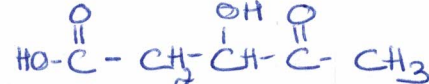
f) Ácido 3-metilbutanoico



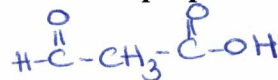
h) Ácido 3-oxopentanoico



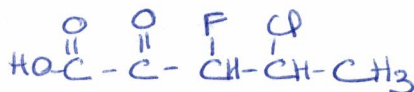
j) Ácido 3-hidroxi-4-oxopentanoico



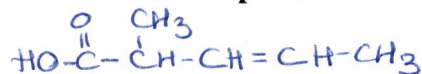
l) Ácido formilpropanoico



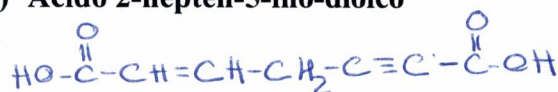
m) Ácido 5-cloro-4-fluor-3-oxopentanoico



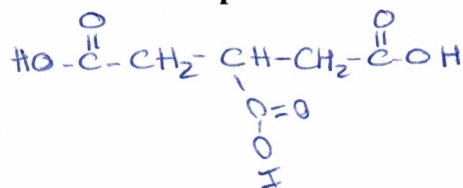
o) Ácido 2-metil-3-pentenoico



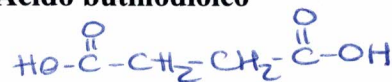
q) Ácido 2-hepten-5-ino-dioico



s) Ácido 3-carboxipentanodioico



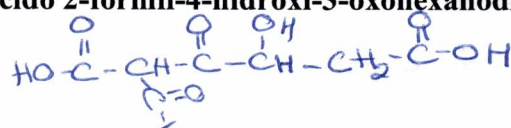
n) Ácido butinodioico



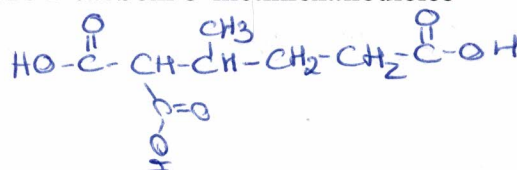
p) Ácido 2,5-octadienodioico



r) Ácido 2-formil-4-hidroxi-3-oxohexanodioico



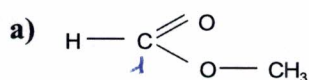
t) Ácido 2-carboxi-3-metilhexanodioico



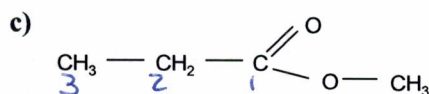
COMPUESTOS OXIGENADOS

Ésteres y sales

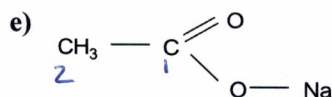
23. Nombra los siguientes compuestos:



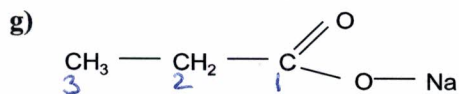
acetato de metilo



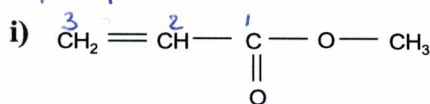
propanoato de metilo



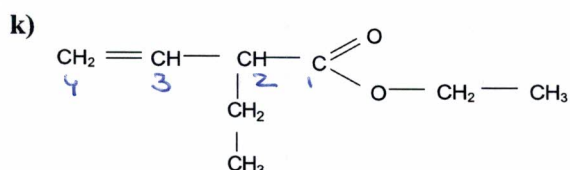
etanoato de sodio



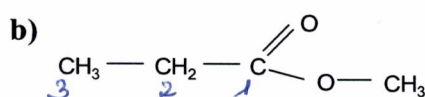
propanoato de sodio



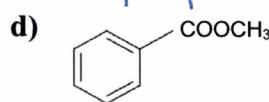
2-propenoato de metilo



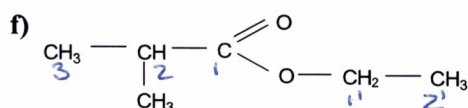
2-etil-3-butenato de etilo



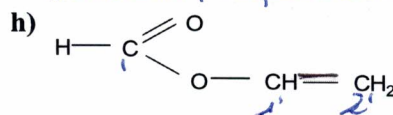
propanoato de metilo



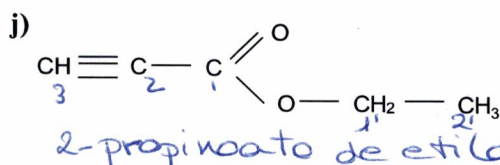
benzoato de metilo



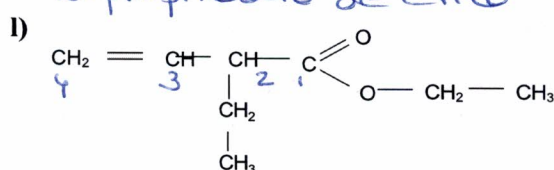
2-metilpropanoato de etilo



acetato de etenilo

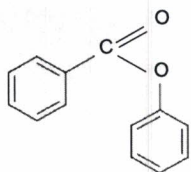


2-propinoato de etilo



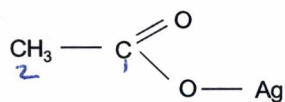
2-etil-3-butenato de etilo

m)



benzoato de fenilo

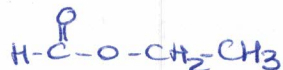
n)



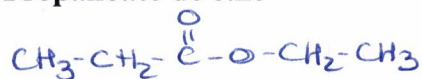
etanoato de plata

24. Formula estos compuestos:

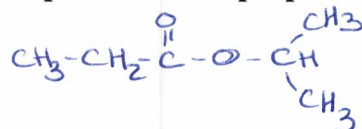
a) Metanoato de etilo



b) Propanoato de etilo



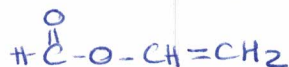
c) Propanoato de isopropilo



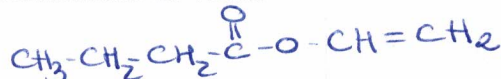
d) Acetato de sodio



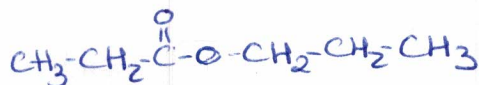
e) Metanoato de etenilo



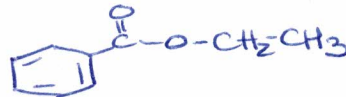
f) Butanoato de vinilo



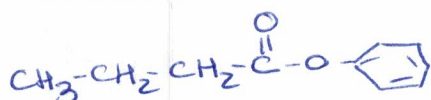
g) Propanoato de propilo



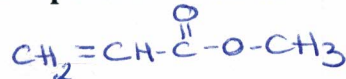
h) Benzoato de etilo



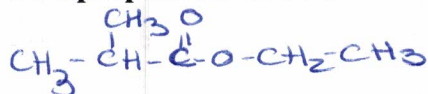
i) Butanoato de fenilo



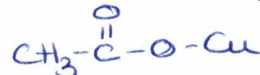
j) Propenoato de metilo



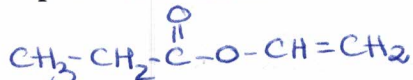
k) 2-metilpropanoato de etilo



l) Etanoato de cobre (I)



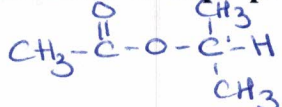
m) Propanoato de etenilo



n) Acetato de palta



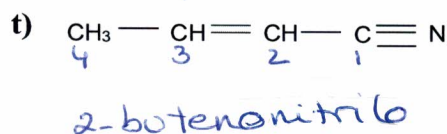
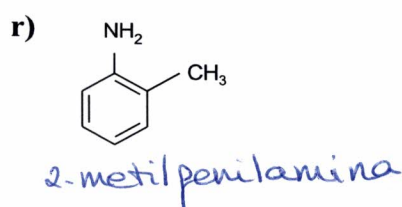
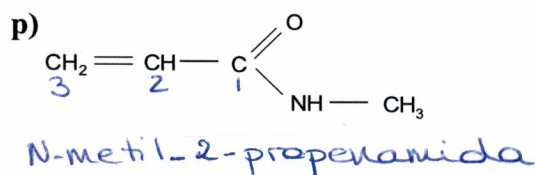
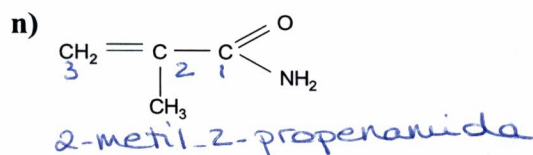
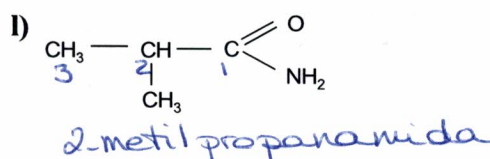
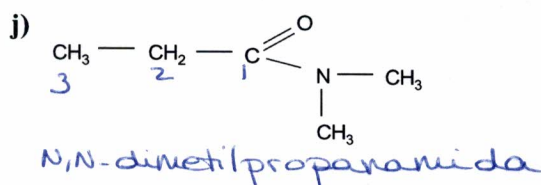
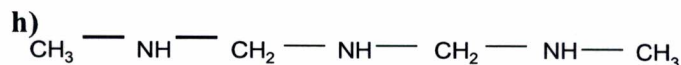
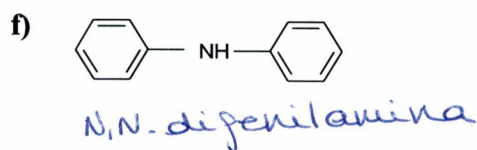
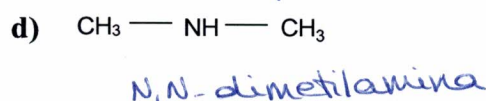
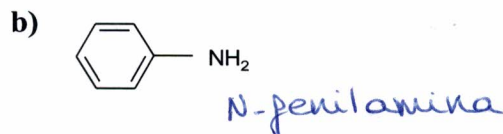
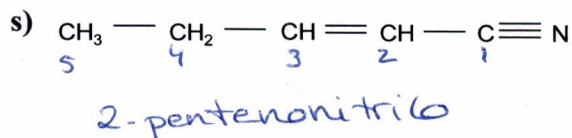
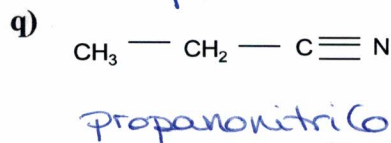
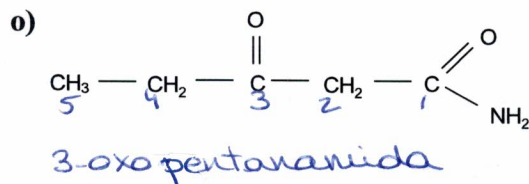
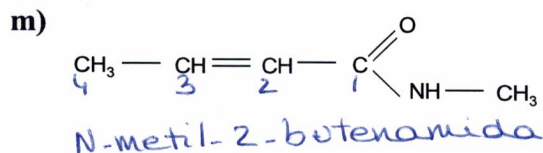
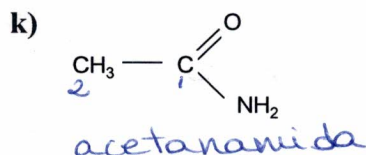
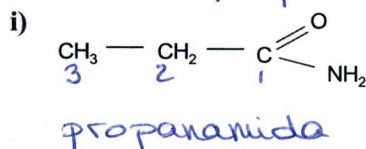
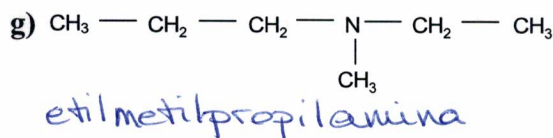
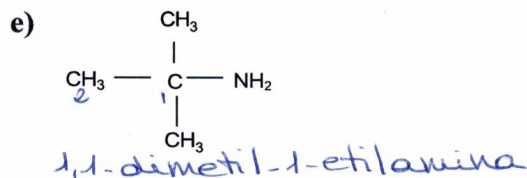
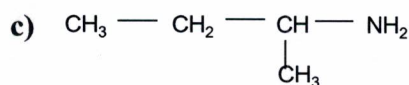
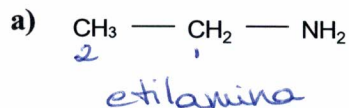
o) Etanoato de isopropilo

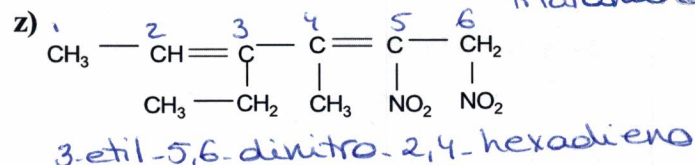
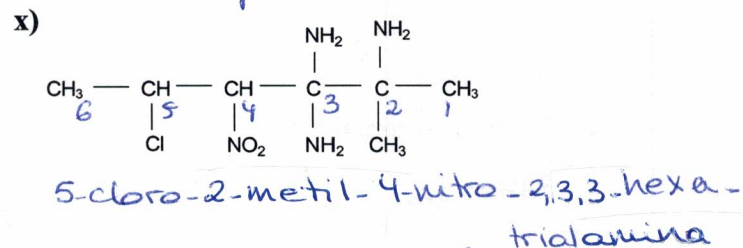
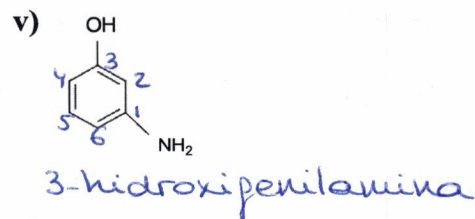
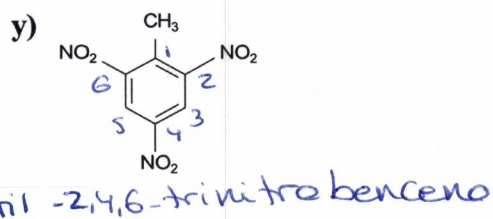
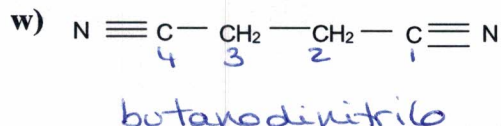
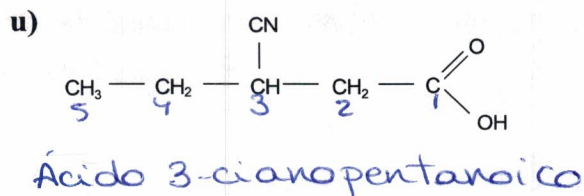


p) Benzoato de fenilo



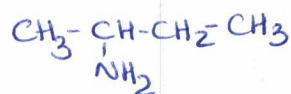
25. Nombra los siguientes compuestos:



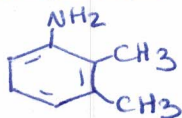


26. Formula estos compuestos:

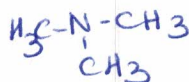
a) 2-butanoamina



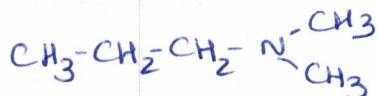
c) 2,3-dimetilanilina



e) Trimetilamina



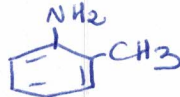
g) N,N-dimetilpropilamina



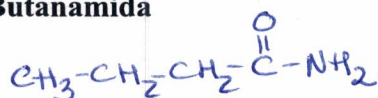
i) 2-propenamina



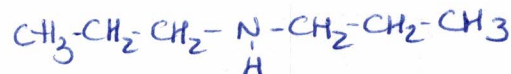
k) 2-metilfenilamina



m) Butanamida



b) Dipropilamina



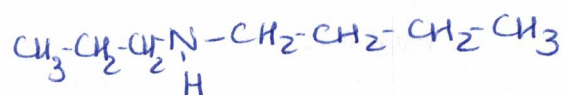
d) Metilamina



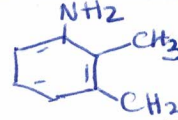
f) Propanoamina



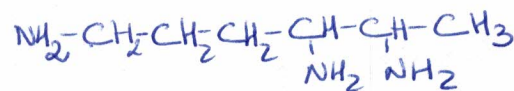
h) Propilbutilamina



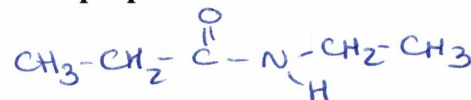
j) 2,3-dimetilfenilamina



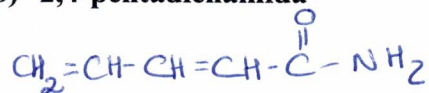
l) 1,4,5-hexanotriamina



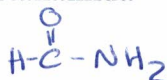
n) N-etil-propinamida



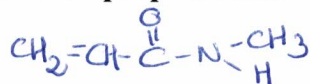
o) 2,4-pentadienamida



q) Metanamida



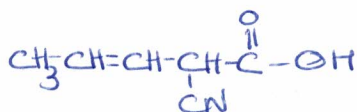
s) N-metilpropenamida



u) Butanodinitrilo



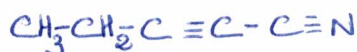
w) Ácido 2-ciano-3-pentenoico



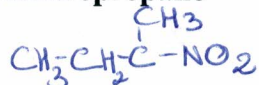
y) Propenitrilo



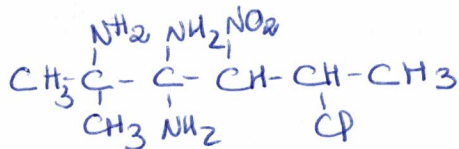
aa) 2-pentinonitrilo



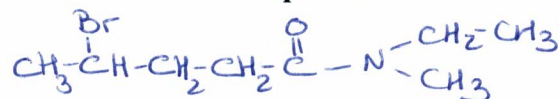
cc) 1-metilnitropropano



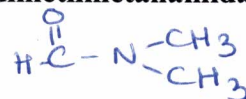
ee) 5-cloro-2-metil-4-nitro-2,3,3-hexanotriamina



p) 4-bromo-N-etil-N-metilpentanamida



r) N,N-dimetilmetanamida



t) Etanonitrilo



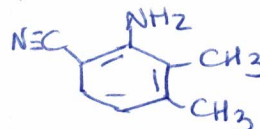
v) Cianuro de fenilo



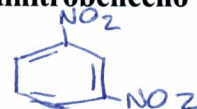
x) Cianuro de 1-butinilo



z) 2,3-dimetil-6-nitroanilina

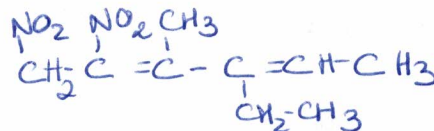


bb) 1,3-dinitrobenzono



dd) 2,4,6-trinitrotolueno

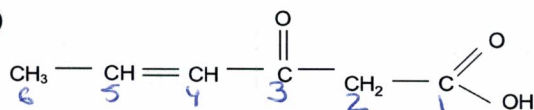
ff) 4-etil-3-metil-1,2-dinitro-2,4-hexadieno



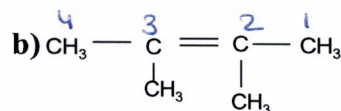
AUTOEVALUACIÓN

27. Nombra los siguientes compuestos:

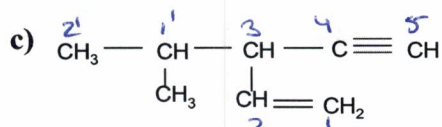
a)



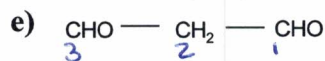
ácido 3-oxo-4-hexenoico



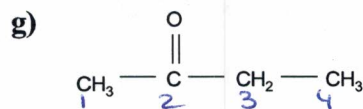
2,3-dimetil-2-buteno



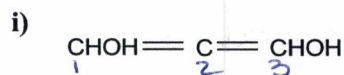
3-(1-metiletil)-1-penten-4-ino



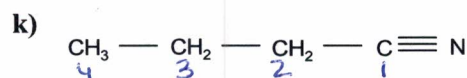
propanodial



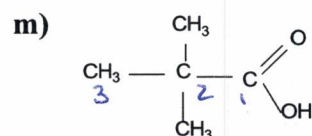
2-butanona



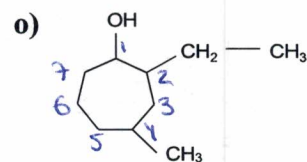
1,2-propadien-1,3-diol



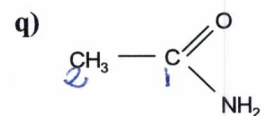
butanonitrilo



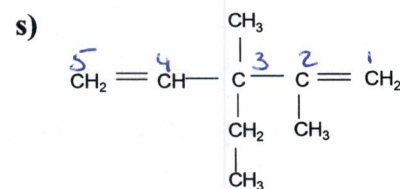
ácido 2,2-dimetilpropanoico



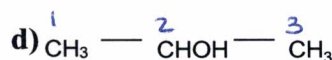
2-etil-4-metilpenol



etanamida



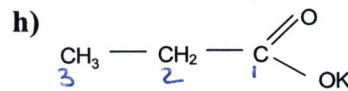
3-etil-2,3-dimetil-1,4-pentadieno



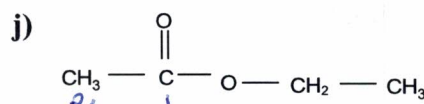
2-propanol



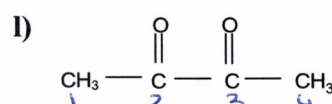
1,2,3-butanotriol



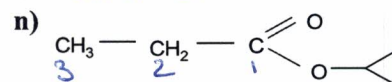
propanoato de potasio



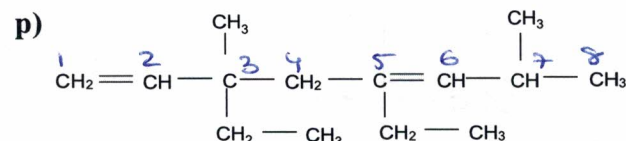
etanoato de etilo



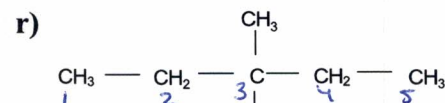
2,3-butanodiona



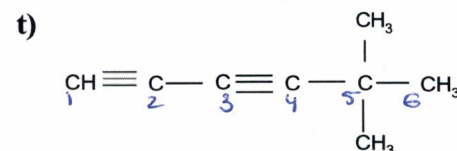
propanoato de ciclopropilo



3,5-dietil-3,7-dimetil-1,5-octadieno

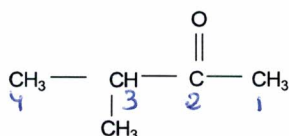


3-metil-3-yodo pentano



5,5-dimetil-1,3-hexadieno

u)



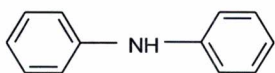
3-metil-2-butanona

w)



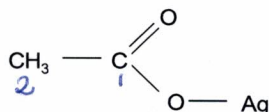
etilmetilamina

y)



difenilamina

v)



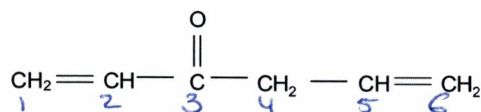
Etanoato de plata

x)



ácido butanodioico

z)



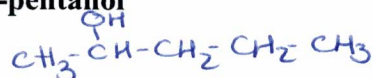
1,5-hexen-3-ona

28. Formula estos compuestos:

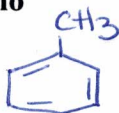
a) Etilviniléter



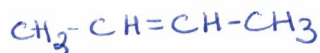
b) 2-pentanol



c) Tolueno



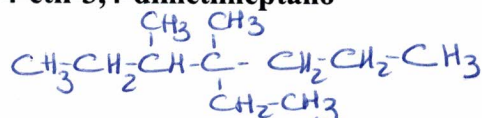
d) 2-buteno



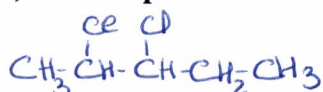
e) 2,3-pentadieno



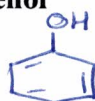
f) 4-etil-3,4-dimetilheptano



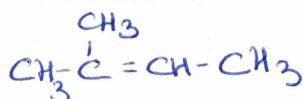
g) 2,3-dicloropentano



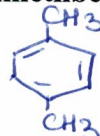
h) Fenol



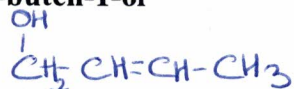
i) 2-metil-2-buteno



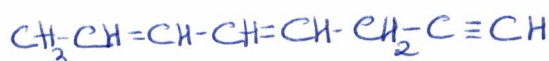
j) p-dimetilbenceno



k) 2-buten-1-ol



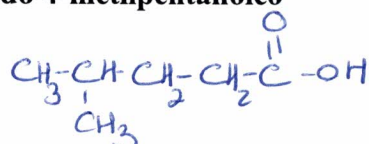
l) 2,4-octadien-6-ino



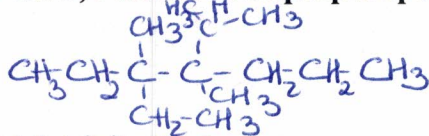
m) 1,3,5-heptatrieno



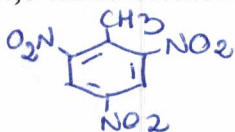
n) Ácido 4-metilpentanoico



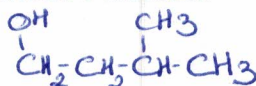
o) 3-etil-3,4-dimetil-4-isopropilheptano



q) 2,4,6-trinitrotolueno



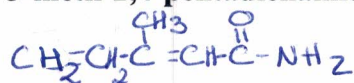
s) 3-metil-1-butanol



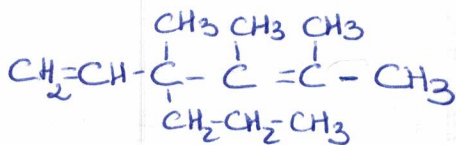
u) Ácido propenoico



w) 3-metil-2,4-pentadienamida



y) 3,4,5-trimetil-3-propil-1,4-hexadieno



29. Nombra los siguientes compuestos:

a) $\overset{3}{\text{CH}_3} - \overset{2}{\text{CH}_2} - \overset{1}{\text{COOH}}$

Ácido propanoico

c) $\overset{1}{\text{CH}_2} = \overset{2}{\text{CH}} - \overset{3}{\text{CH}} = \overset{4}{\text{CH}} - \overset{5}{\text{CH}_3}$

1,3-pentadieno

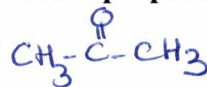
e) $\begin{array}{c} \text{CH}_3 \\ | \\ \overset{6}{\text{CH}_3} - \overset{5}{\text{CH}} - \overset{4}{\text{CH}} - \overset{3}{\text{C}} - \overset{2}{\text{CH}_2} - \overset{1}{\text{CH}_3} \\ | \quad | \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$

3,3,4-trimetilhexano

g) $\begin{array}{c} \text{CH}_3 \\ | \\ \overset{1}{\text{CH}_2} = \overset{2}{\text{CH}} - \overset{3}{\text{CH}} - \overset{4}{\text{C}} - \overset{5}{\text{CH}} - \overset{6}{\text{C}} \equiv \overset{7}{\text{C}} - \overset{8}{\text{CH}_3} \\ | \\ \text{CH}_3 \end{array}$

4,5-dimetil-1-octen-6-ino

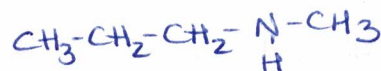
p) Acetona o propanona



r) Butinodial



t) Butilmetilamina



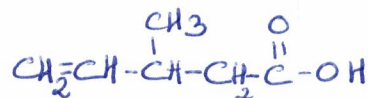
v) Cianuro de propilo



x) Benzoato de etilo



z) Ácido 3-metil-4-pentinoico



b) $\overset{1}{\text{CH}_2} = \overset{2}{\text{CH}} - \overset{3}{\text{CH}_2} - \overset{4}{\text{CH}_3}$

1-buteno

d) $\overset{1}{\text{CH}_2} = \overset{2}{\text{CH}} - \overset{3}{\text{CH}_2} - \overset{4}{\text{C}} \equiv \overset{5}{\text{C}} - \overset{6}{\text{CH}_3}$

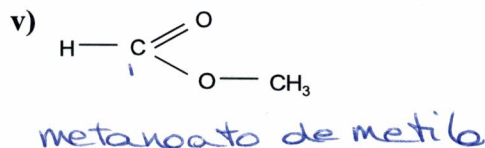
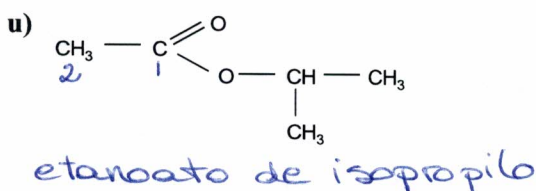
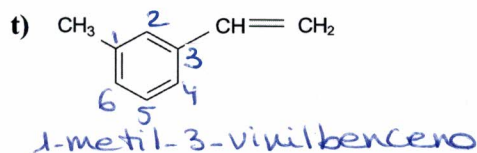
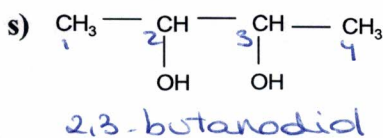
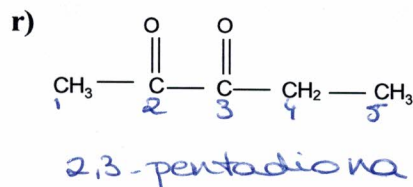
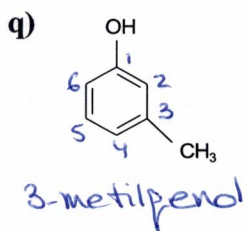
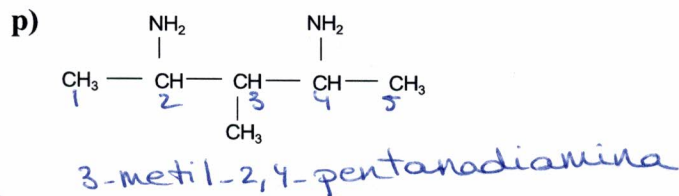
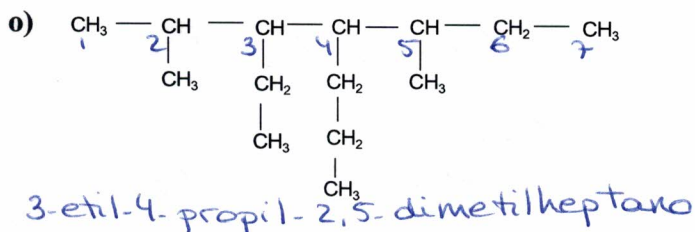
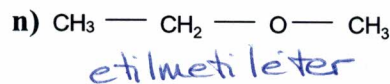
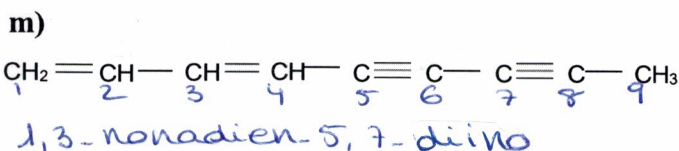
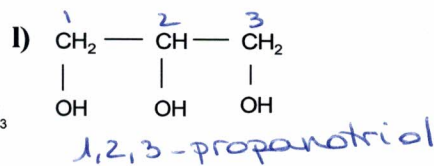
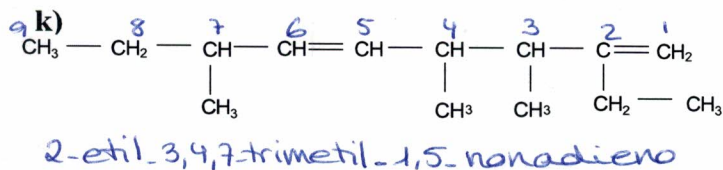
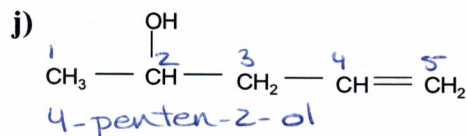
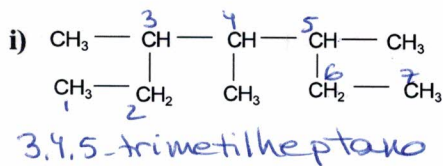
1-hexen-4-ino

f) $\begin{array}{c} \text{CH}_3 \quad \text{CH}_2 - \text{CH}_3 \\ | \quad | \\ \overset{8}{\text{CH}_3} - \overset{7}{\text{CH}} - \overset{6}{\text{CH}} - \overset{5}{\text{C}} - \overset{4}{\text{CH}_2} - \overset{3}{\text{C}} - \overset{2}{\text{CH}_2} - \overset{1}{\text{CH}_3} \\ | \quad | \quad | \\ \text{CH}_3 - \text{CH}_2 \quad \text{CH}_3 \quad \text{CH}_3 \end{array}$

3,7-diethyl-3,5,5,6-tetrametiloctano

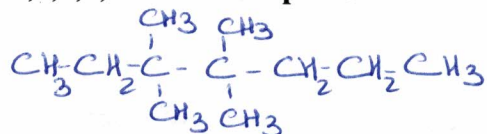
h) $\begin{array}{c} \text{O} \\ || \\ \overset{3}{\text{CH}_2} = \overset{2}{\text{CH}} - \text{C} - \text{OH} \end{array}$

ácido 2-propenoico

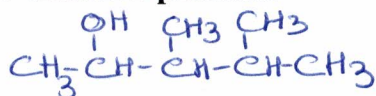


30. Formula estos compuestos:

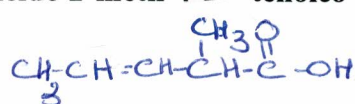
a) 3,3,4,4-tetrametilheptano



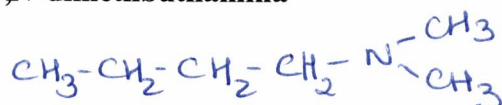
c) 3,4-dimetil-2-pentanol



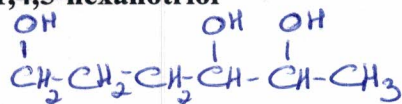
b) Ácido 2-metil-4-nentenoico



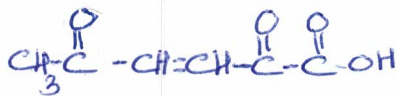
d) N,N-dimetilbutilamina



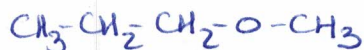
e) 1,4,5-hexanotriol



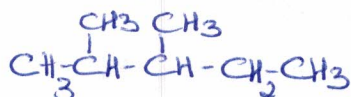
g) Ácido 2,5-dioxo-3-hexenoico



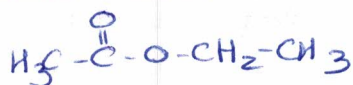
i) Etoxipropano



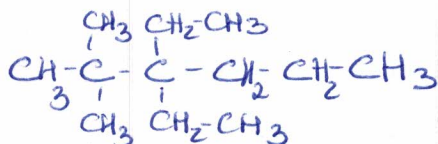
k) 2,3-dimetilpentano



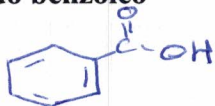
m) Etanoato de etilo



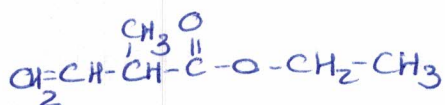
o) 3,3-dietil-2,2-dimetilhexano



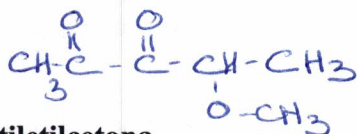
q) Ácido benzoico



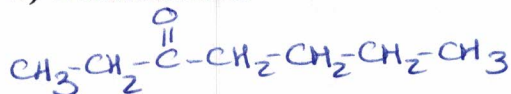
s) 2-metil-3-butenato de etilo



u) 4-metoxi-2,3-pentadiona



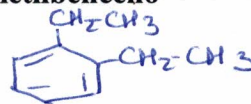
w) Butiletilcetona



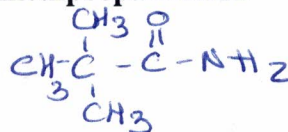
y) 2,4-ciclopentadienona



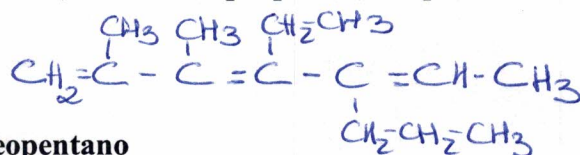
f) m-dietilbenceno



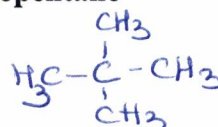
h) Dimetilpropanamida



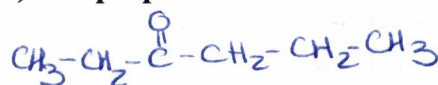
j) 4-etil-2,3-dimetil-5-propil-1,3,5-heptatrieno



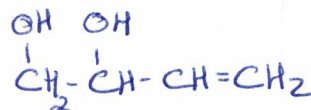
l) Neopentano



n) Etilpropilcetona



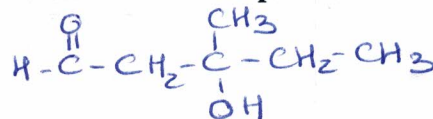
p) 3-buten-1,2-diol



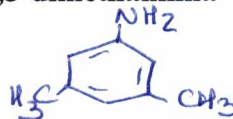
r) Etilpropileter



t) 3-hidroxi-3-metil-4-pentalenal



v) 3,5-dimetilanilina



x) Ácido etanodioico

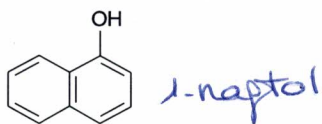


z) N-etil-N-metil-1-propenamina

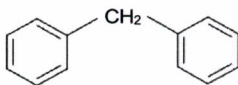


31. Nombra los siguientes compuestos:

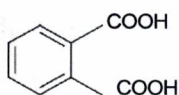
a)



c)

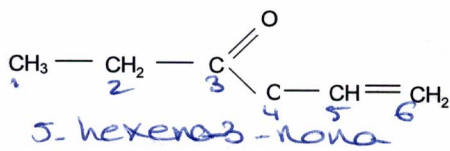


e)

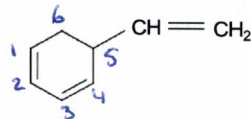


ácido 1,2-benzadióico

g)

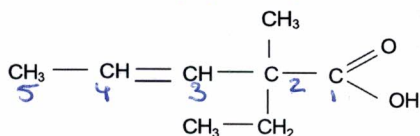


i)



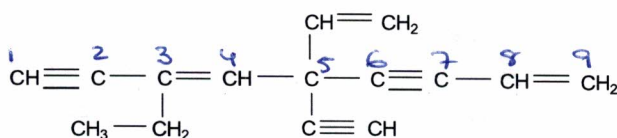
ciclo 5-vinil-1,3-hexadieno

k)



ácido 2-etil-2-metil-3-pentenoico

m)



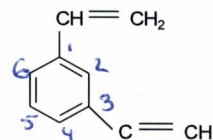
3-etil-5-etenil-5-etinil-9,4-nonadien-2-ino

o)



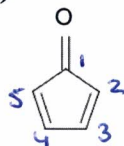
ciclo 1-propino

q)



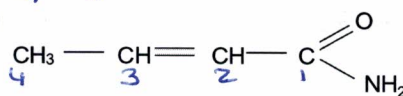
1-etenil-3-etinilbenceno

b)



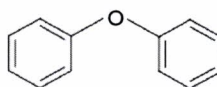
ciclo 2,4-pentadienona

d)



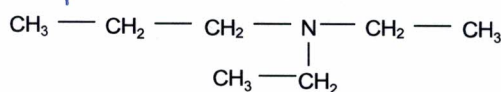
2-butenamida

f)



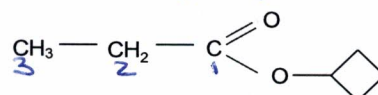
difeniléter

h)



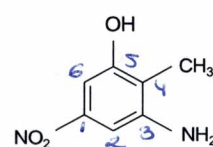
diethylpropilamina

j)



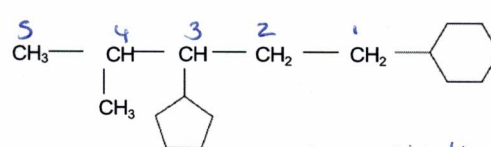
propanoato de ciclobutilo

l)



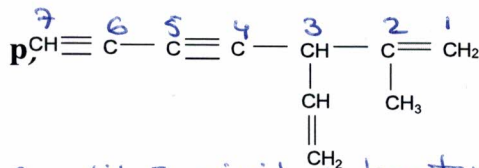
3-amino-1-ciano-5-hidroxi-4-metilbenceno

n)



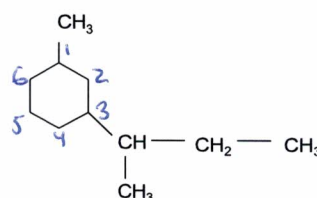
1-ciclohexil-3-ciclopentil-4-metilpentano

p)



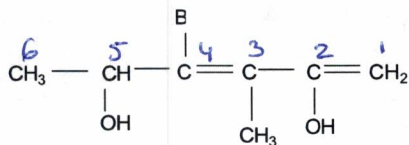
2-metil-3-vinil-1-hepten-4,6-diino

r)



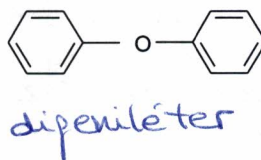
ciclo 1-metil-3-(1-metilpropil)hexano

s)



4-boro-3-metil-1-hexen-2,5-diol

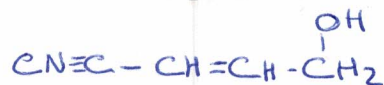
t)



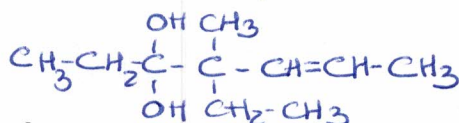
difeniléter

32. Formula estos compuestos:

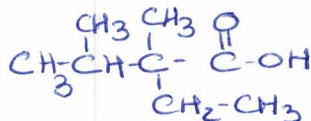
a) 5-hidroxi-3-pentenitrilo



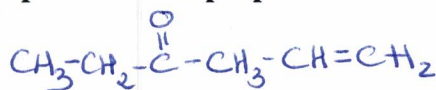
c) 4-etil-4-metil-5-hepten-3,3,-diol



e) Ácido 2-etil-2,3-dimetilbutanoico



g) Propanoato de 2-propenilo



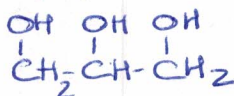
i) 2-pentinodinitrilo



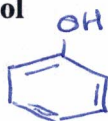
k) 2-nitronaftaleno



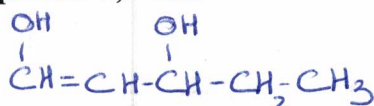
m) 1,2,3-propanotriol



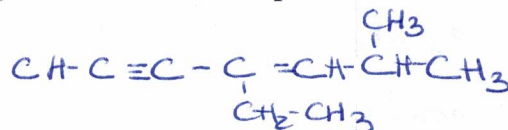
o) Fenol



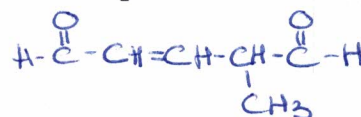
q) 1-penten-1,3-diol



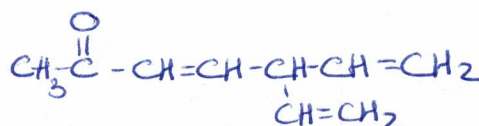
b) 4-etil-6-metil-4-hepten-2-ino



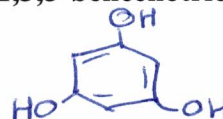
d) 4-metil-2-pentinodial



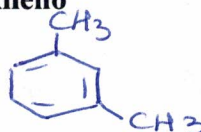
f) 5-vinil-3,6-heptadien-2-ona



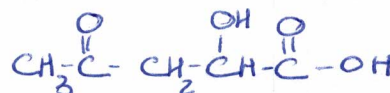
h) 1,3,5-bencenotriol



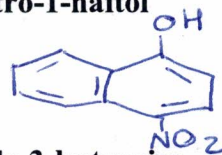
j) m-xileno



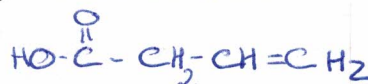
l) Ácido 2-hidroxi-4-oxopentanoico



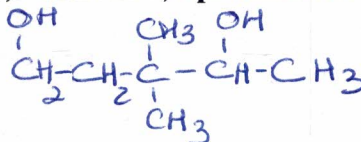
n) 4-nitro-1-naftol



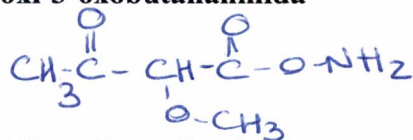
p) Ácido 3-butenicoico



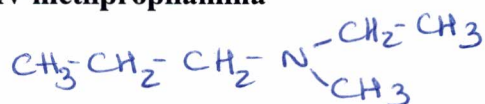
r) 3,3-dimetil-1,4-pentanodiol



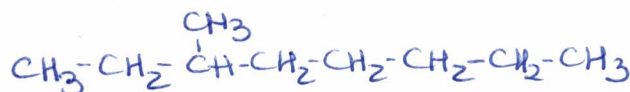
s) 2-metoxi-3-oxobutanamida



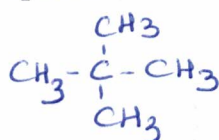
u) N-etil-N-metilpropilamina



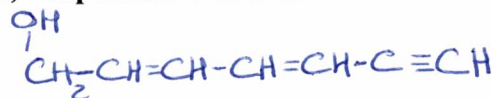
w) 3-metiloctano



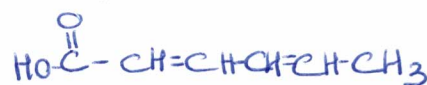
y) Neopentano



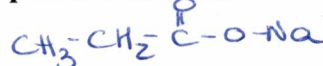
t) 2,4-heptadien-6-in-1-ol



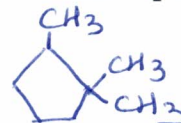
v) Ácido 2,4-hexadienoico



x) Propanoato de sodio

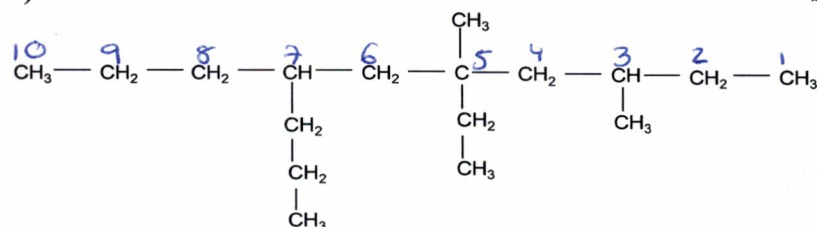


z) 1,2,2-trimetilciclopentano

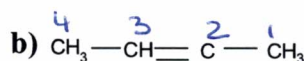


33. Nombra los siguientes compuestos:

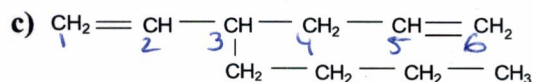
a)



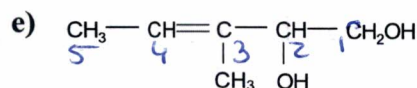
5-etil-3,5-dimetil-7-propildecano



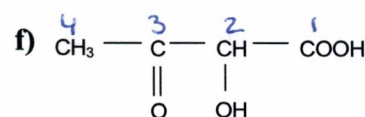
2-fenil-2-buteno



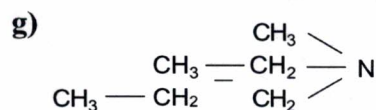
3-butil-1,5-hexadieno



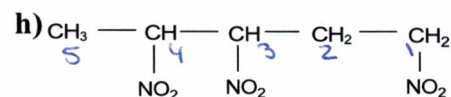
3-metil-3-penten-1,2-diol



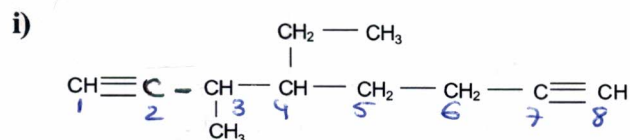
ácido 2-hidroxi-3-oxobutanoico



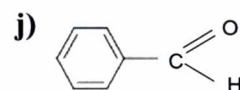
N-metil-N-vinilpropilamina



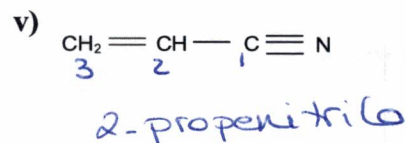
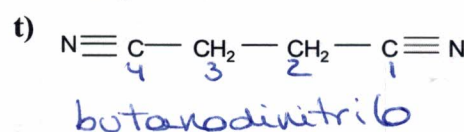
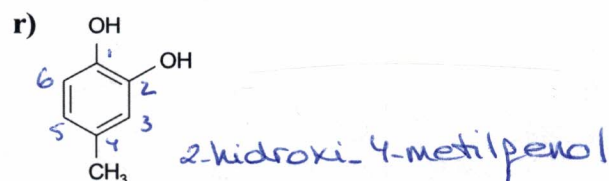
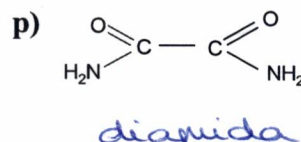
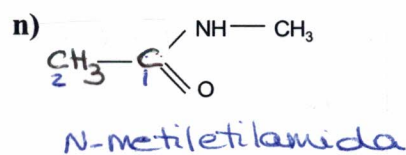
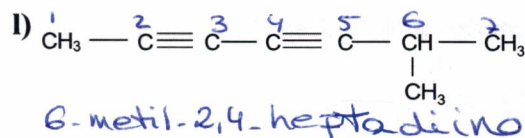
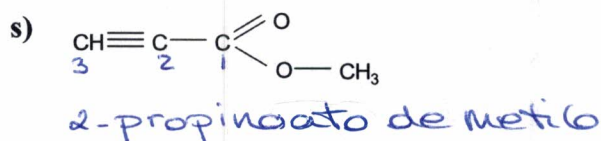
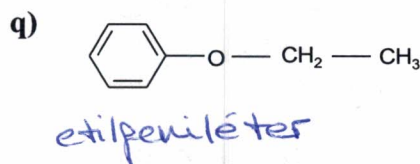
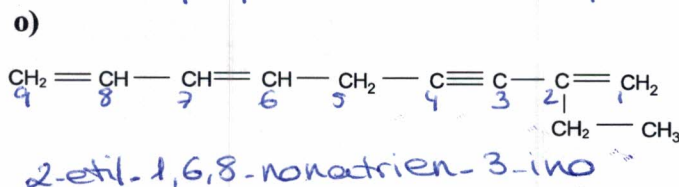
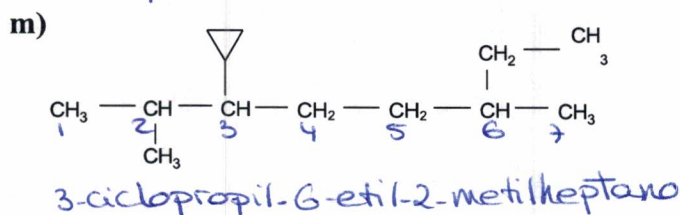
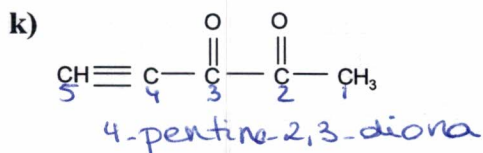
1,3,4-trinitropentano



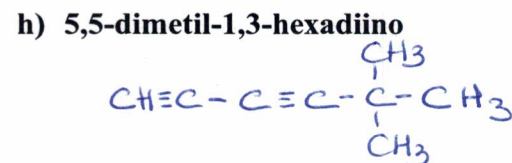
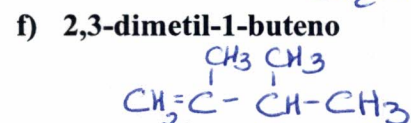
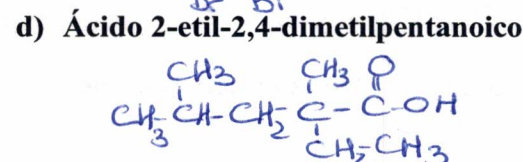
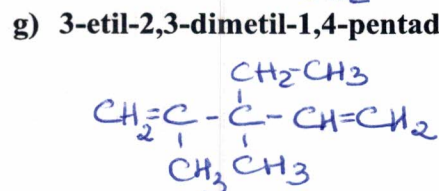
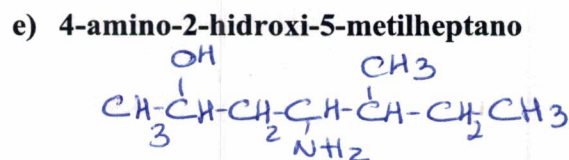
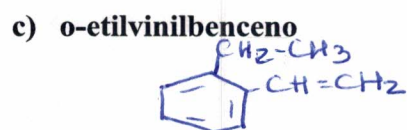
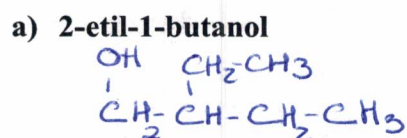
4-etil-3-metil-1,7-octadieno



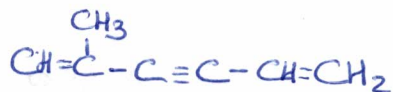
ácido benzoico



34. Formula estos compuestos:



i) 2-metil-1,5-hexadien-3-ino



k) Etanoato de sodio



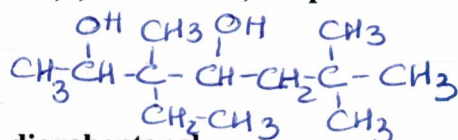
m) Difenilamina



o) Butanonitrilo



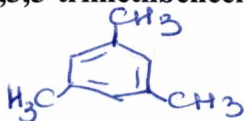
q) 3-etil-3,6,6-trimetil-2,4-heptanodiol



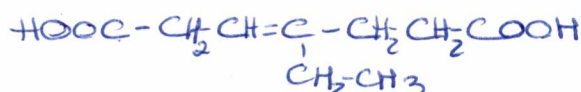
s) 3,6-dioxoheptanal



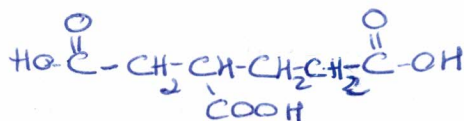
u) 1,3,5-trimetilbenceno



w) 4-etil-3-heptenodial

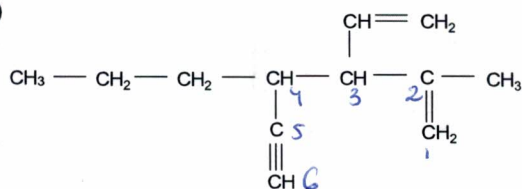


y) Ácido 3-carboxihexanodioico



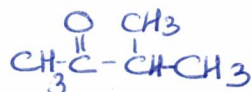
35. Nombra los siguientes compuestos:

a)

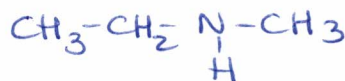


2-metil-4-propil-3-vinil-1-hexen-5-ino

j) 3-metilbutanona



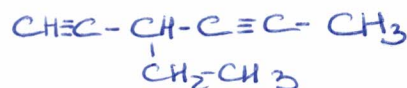
l) Metiletilamina



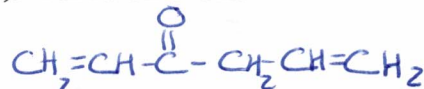
n) Ácido butanodioico



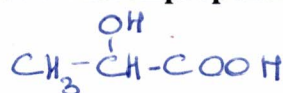
p) 3-etil-1,4-hexadiino



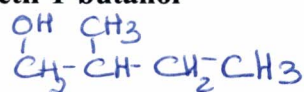
r) 1,5-hexadien-3-ona



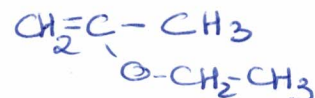
t) Ácido 2-hidroxiopropanoico



v) 2-metil-1-butanol



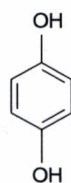
x) Etoxipropeno



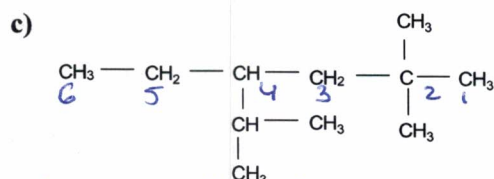
z) Cianuro de etenilo



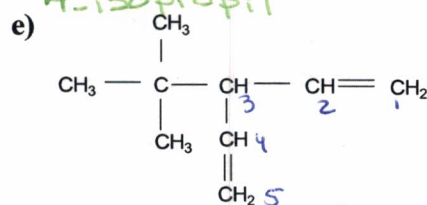
b)



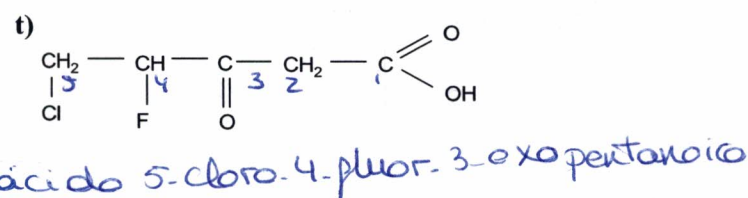
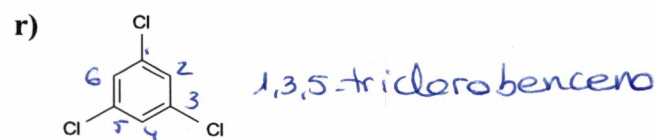
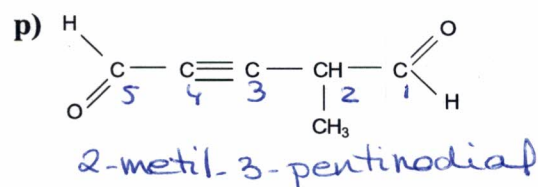
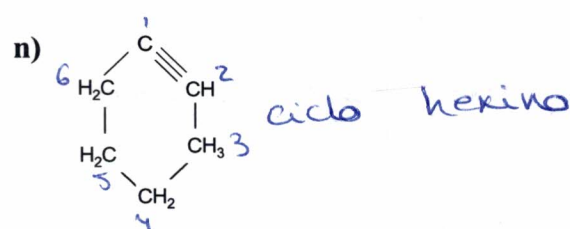
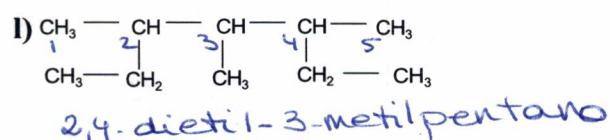
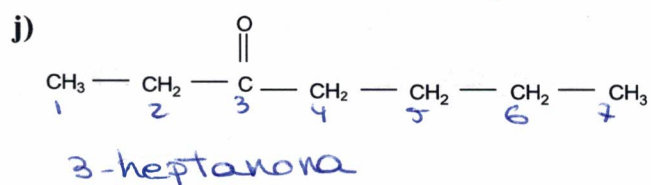
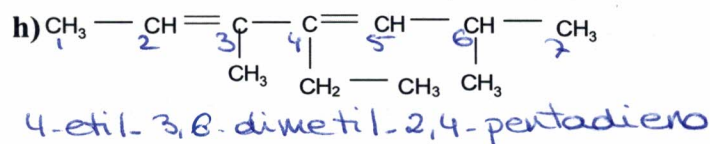
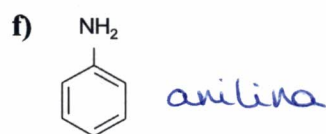
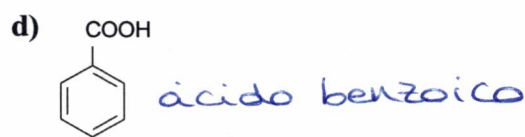
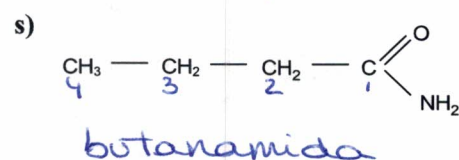
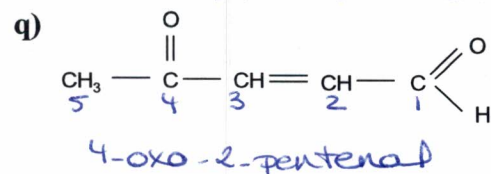
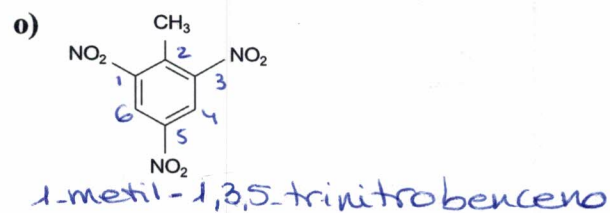
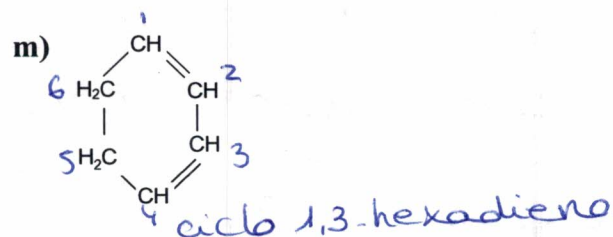
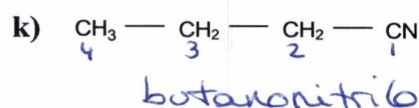
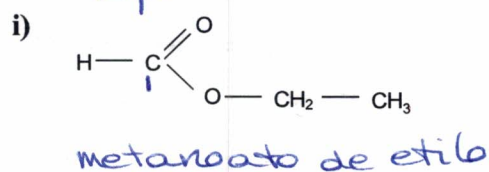
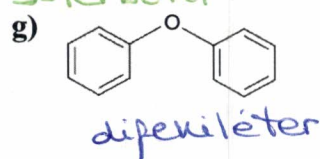
4-hidroxi fenol
1,4-bencenodiol

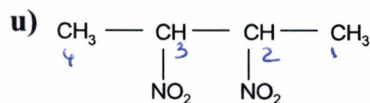


4-(1-metiletil)-2,2-dimetilpentano
4-isopropil

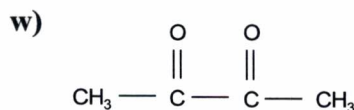


3-(2,2-dimetiletil)-1,4-pentadieno
3-terbutil

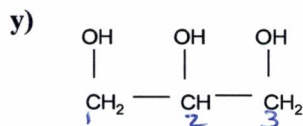




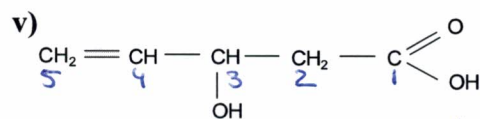
2,3-dinitrobutano



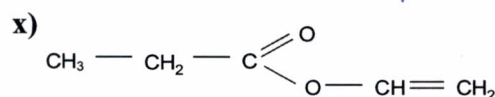
butanodiona



1,2,3-propanetriol



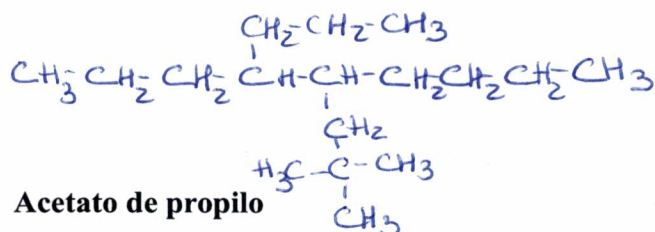
ácido 3-hidroxi-4-pentenoico



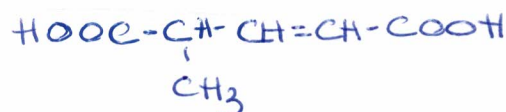
propanoato de etilo

36. Formula estos compuestos:

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



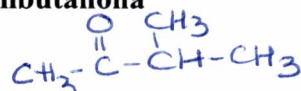
b) Ácido 2-metil-3-pentenodioico



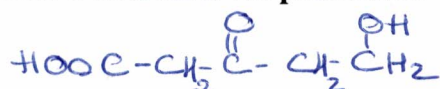
c) Acetato de propilo



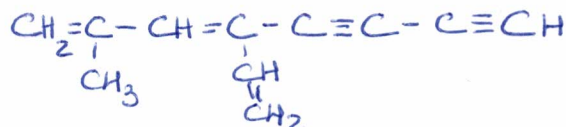
d) Metilbutanona



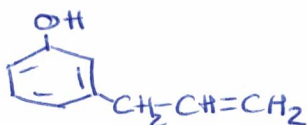
e) Ácido 5-hidroxi-3-oxopentanóico



f) 2-metil-4-vinil-1,3-octadien-5,7-diino



g) 3-alil-1-fenol



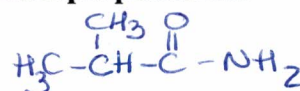
h) 2,4-ciclohexadienona



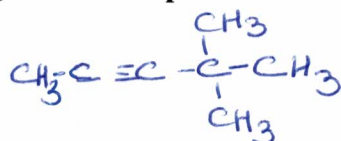
i) Nitrociclopropano



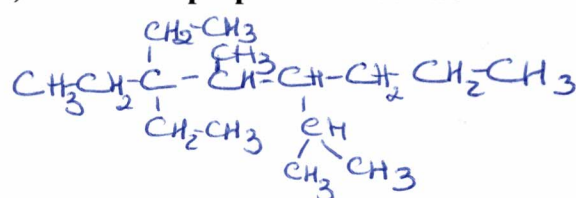
j) 2-metilpropanamida



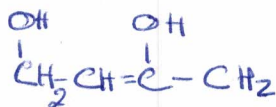
k) 4,4-dimetil-2-pentino



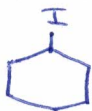
l) 3,3-diethyl-5-isopropil-4-metiloctano



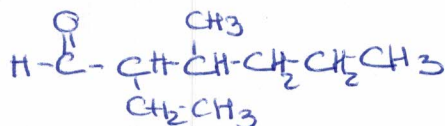
m) 2-buten-1,4-diol



o) Yodociclohexano



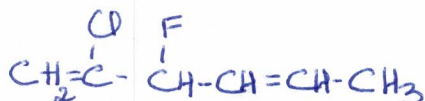
q) 3-metil-2-etilhexanal



s) Etanamina



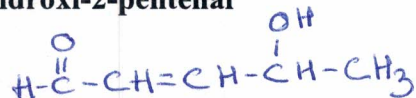
u) 2-cloro-3-flúor-1,4-hexadieno



w) Propinoato de etilo



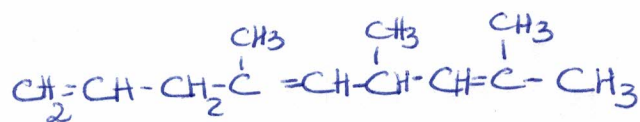
y) 4-hidroxi-2-pental



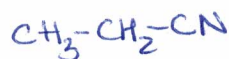
n) Naftaleno



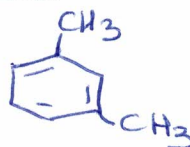
p) 4,6,8-trimetil-1,4,7-nonatrieno



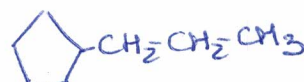
r) Cianuro de etilo



t) m-xileno



v) Cilcopropilciclopentano



x) Metoxiciclobutano

