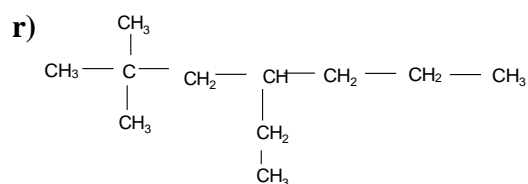
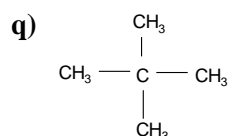
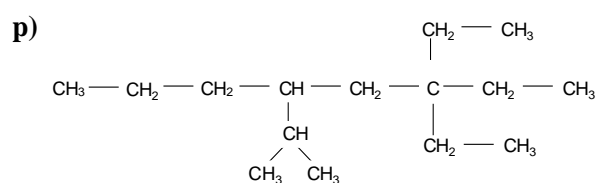
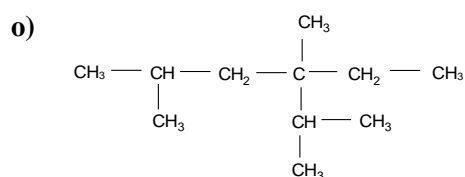
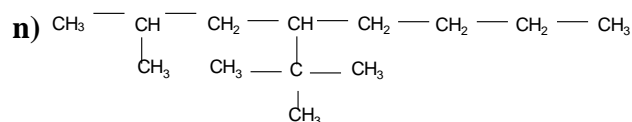
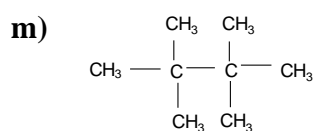
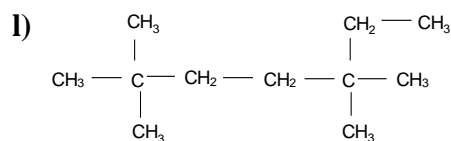
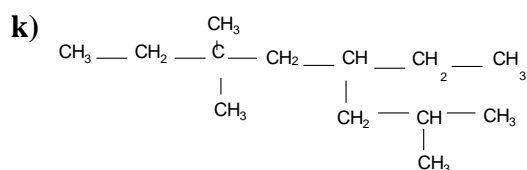
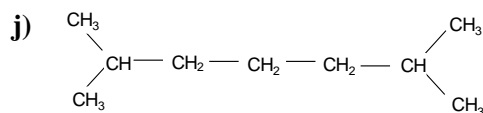
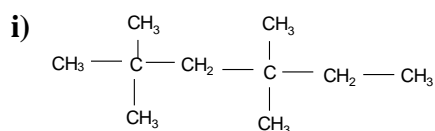
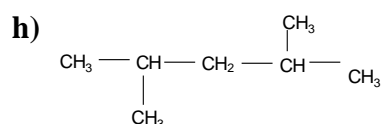
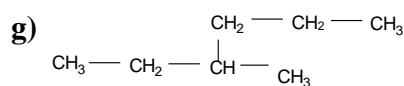
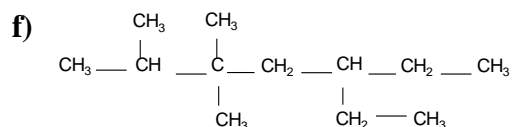
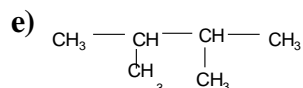
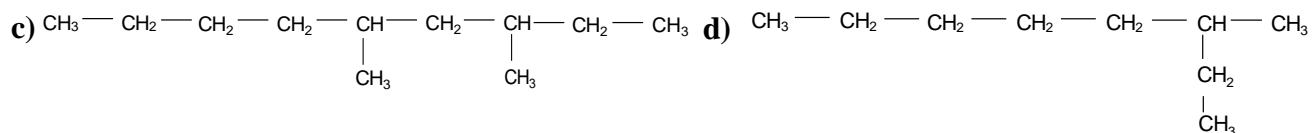
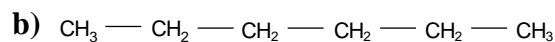
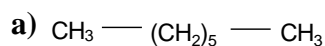


***EJERCICIOS DE
FORMULACIÓN
ORGÁNICA***

1. Nombra los siguientes hidrocarburos:



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

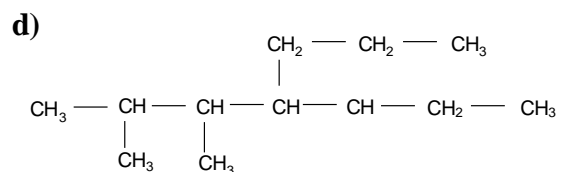
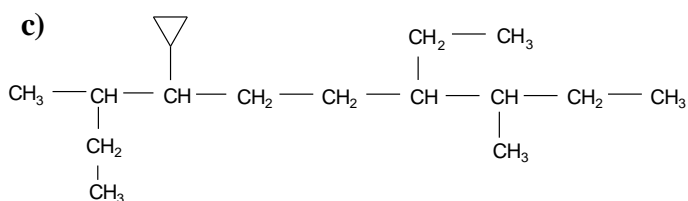
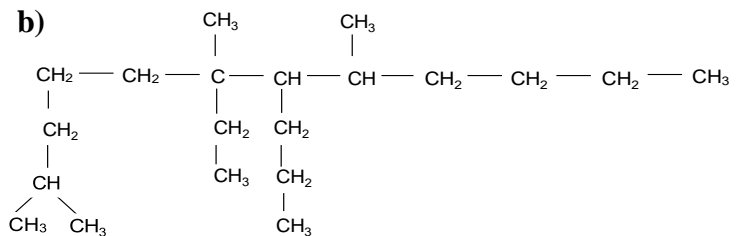
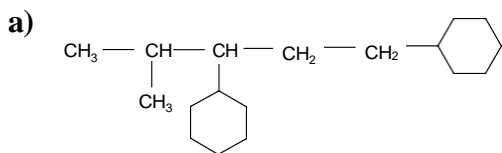
j) 2,2,3,3-tetrametilbutano

k) n-hexano

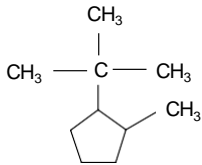
l) 6-tercbutil-4-etil-2,5,7-trimetil-5-propilnonano

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

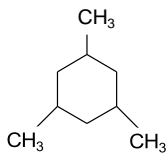
3. Nombra los siguientes hidrocarburos:



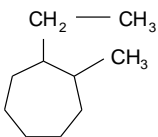
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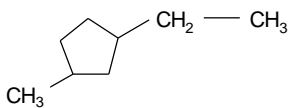
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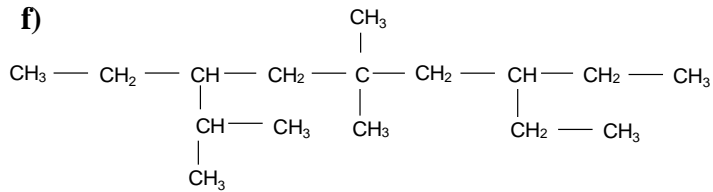
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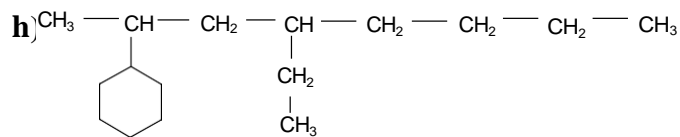
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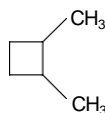
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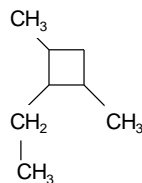
h)



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

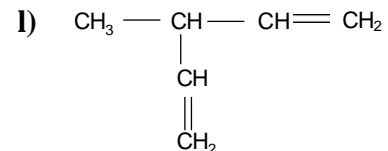
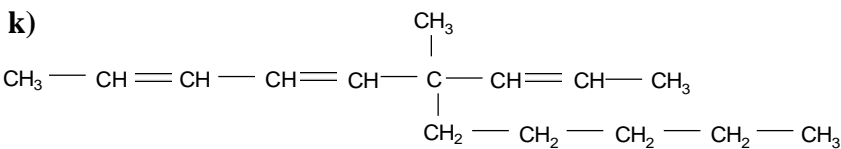
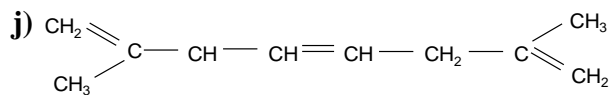
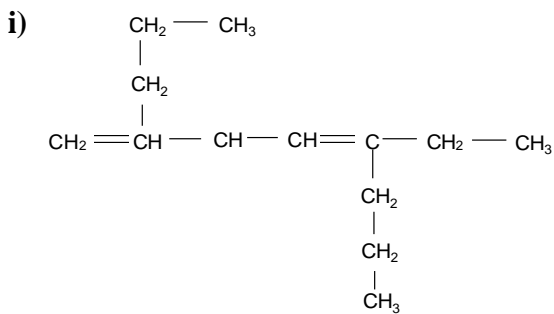
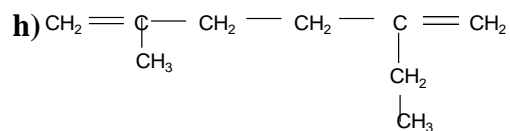
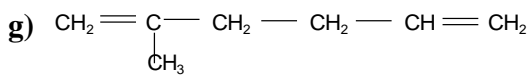
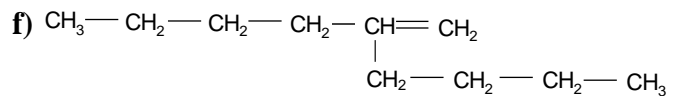
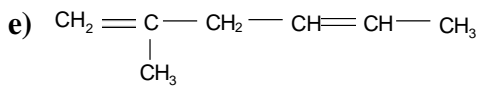
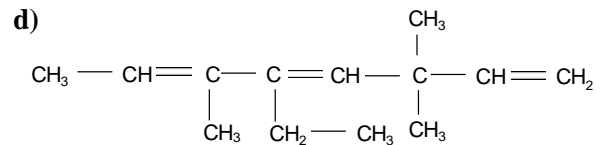
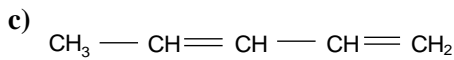
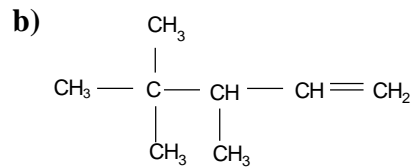
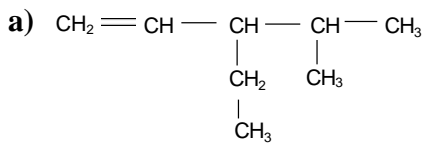
k) 4- ciclopropil-4,7-dietil-3,3,8,10-tetrametildodecano l) Metilciclobutano

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

HIDROCARBUROS

Alquenos

5. Nombra estos hidrocarburos:



6. Formula estos compuestos:

a) 3-hepteno

b) 1,3,6-heptatrieno

c) 3-propil-1-hepteno

d) 2-metil-1,4-hexadieno

e) 4,5-dimetil-2-hexeno

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

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

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

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

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

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

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

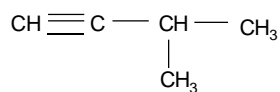
m) 3-etil-2,4-dimetil-3-hepteno

n) 2,3-dimetil-1-buteno

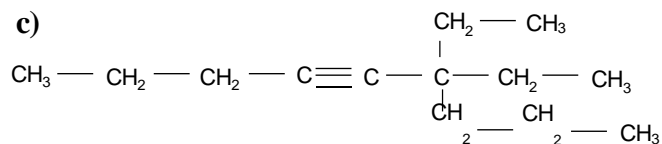
o) 3-etil-2,3-dimetil-1,4-pentadieno

7. Nombra estos hidrocarburos:

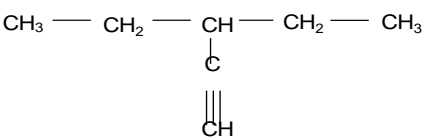
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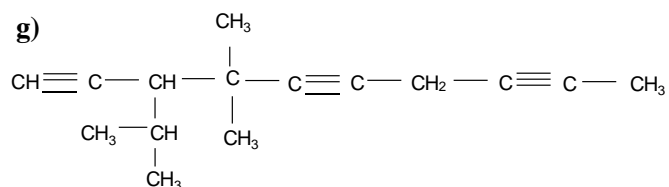
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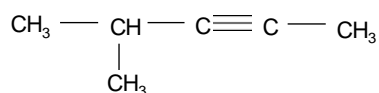
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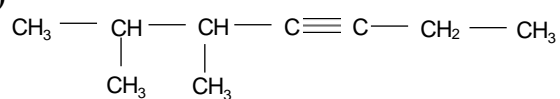
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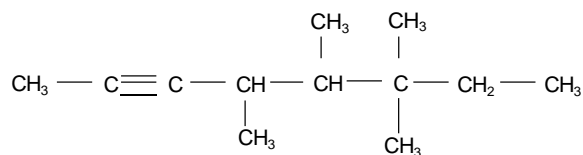
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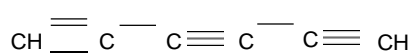
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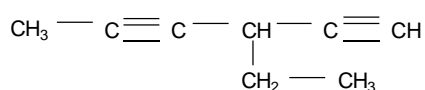
d)



f)



h)



8. Formula estos compuestos:

a) 2-pentino

b) 3-octino

c) 3-etil-4-metil-1,5-hexadiino

d) 7-metil-1,4,8-nonatriino

e) 2,5-heptadiino

f) 4-metil-5-propil-2,6-octadiino

g) 4-etil-3-metil-1,7-octadiino

h) 3-propil-1,5-heptadiino

i) 3-propil-1,4-hexadieno

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

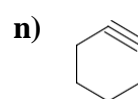
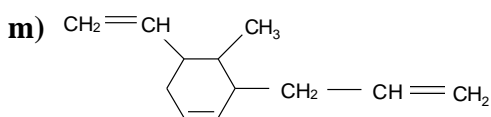
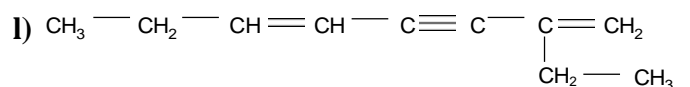
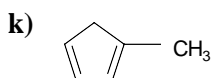
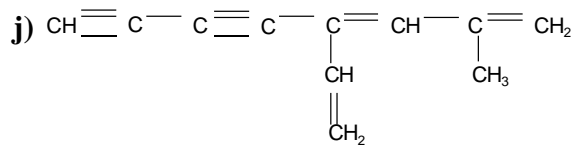
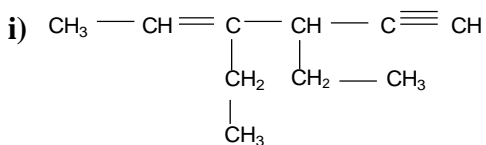
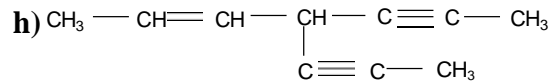
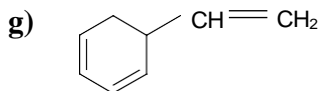
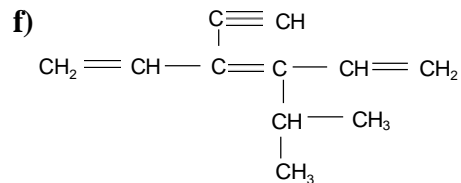
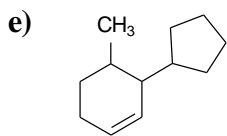
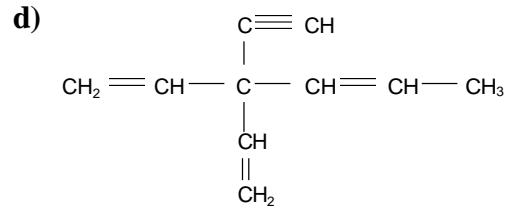
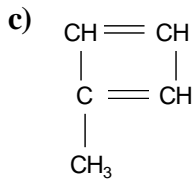
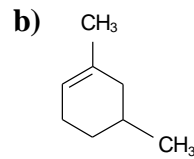
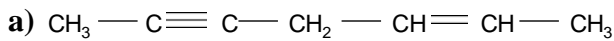
k) 3-etil-1,4-hexadieno

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

HIDROCARBUROS

Hidrocarburos insaturados

9. Nombra estos hidrocarburos:



10. Formula estos compuestos:

a) 1,5-heptadien-3-ino

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

c) 3,5-heptadien-1-ino

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

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

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

g) 1-buten-3-ino

h) 1,3,6-ciclooctatrieno

i) 1,3,5-ciclohexatrieno

j) Ciclobutino

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

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

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

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

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

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

q) 1-ciclohexen-3-ino

r) 3,5-cicloheptadien-1-ino

s) 1,3-ciclohexadien-5-ino

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

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

v) 2,4-ciclopentadiino

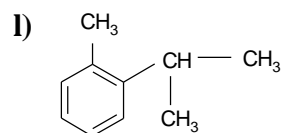
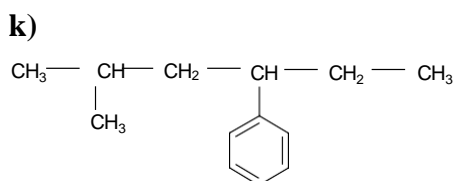
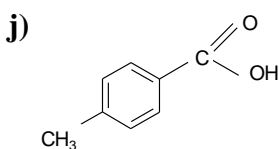
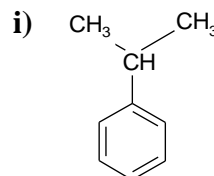
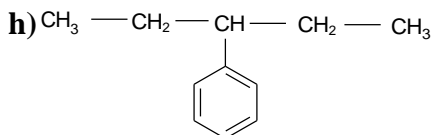
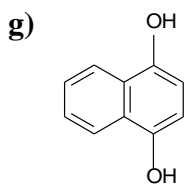
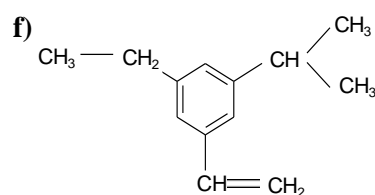
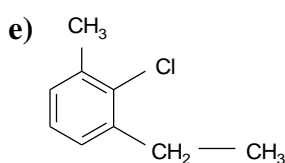
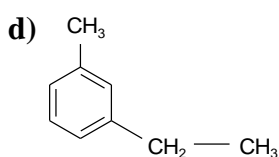
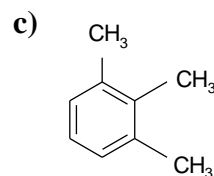
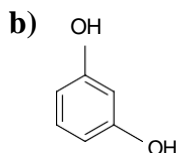
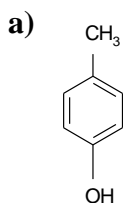
w) 2,4,6-cicloheptatrieno

x) 1,3-dimetilciclohexeno

HIDROCARBUROS

Hidrocarburos aromáticos

11. Nombra estos hidrocarburos:



12. Formula estos compuestos:

a) o-xileno

b) 1-naftol

c) Tolueno

d) 1-metil-3-propilbenceno

e) 1-etil-3-metilbenceno

f) 1-metil-4-(2-propenil)benceno

g) Etilbenceno

h) Fenilacetileno

i) 2-etil-1,4-dimetilbenceno

j) o- propilvinilbenceno

k) Antraceno

l) 1-metil-2,3-dipropilbenceno

m) Vinilbenceno

n) m-etiltolueno

o) p-dimetilbenceno

p) m-etilmetilbenceno

q) 2-fenilbutano

r) p-metilisopropilbenceno

s) Trifenilmetano

t) Naftaleno

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

v) 1-etil-2,4-dimetilbenceno

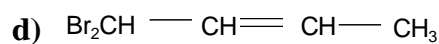
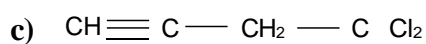
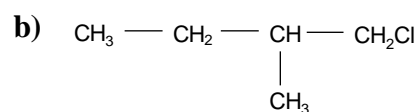
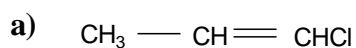
w) Difenilacetileno

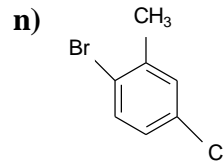
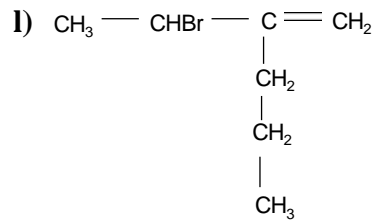
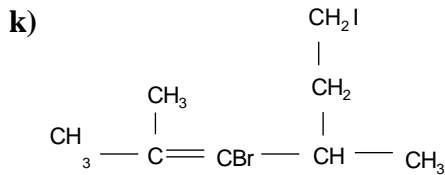
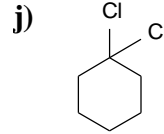
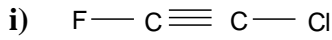
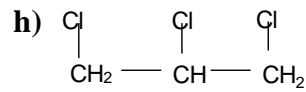
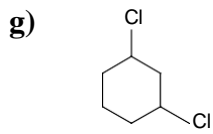
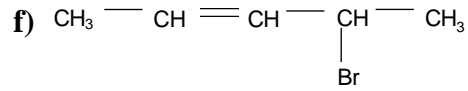
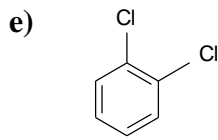
x) 3-fenilpentano

HIDROCARBUROS

Derivados halógenos

13. Nombra estos hidrocarburos:





14. Formula estos compuestos:

a) 1,2-dicloroetano

b) 2-cloro-3-flúor-1,4-hexadieno

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

d) Tribromometano o bromoformo

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

f) 3,4-dicloro-1-pentino

g) 1,3,5-tribromobenceno

h) 1-cloro-2,5-dimetilbenceno

i) 2,4,6-triyodotolueno

j) Bromoacetileno

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

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

m) 1,3-dicloro-1-pentino

n) 3-cloro-1,4-hexadieno

o) Yodociclohexano

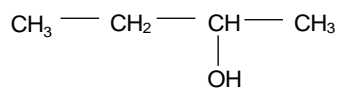
p) Bromociclohexino

COMPUESTOS OXIGENADOS

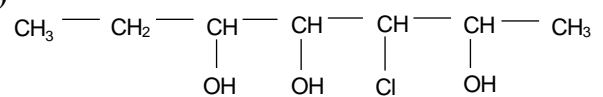
Alcoholes

15. Nombra los siguientes compuestos:

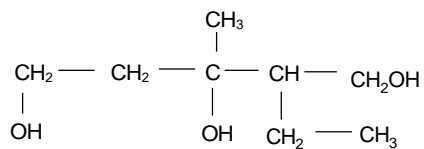
a)



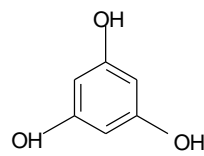
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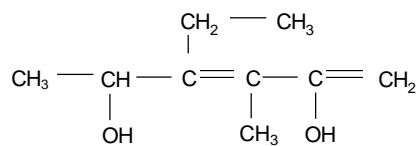
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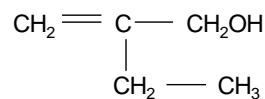
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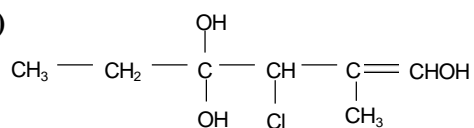
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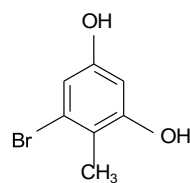
f)



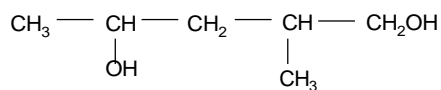
g)



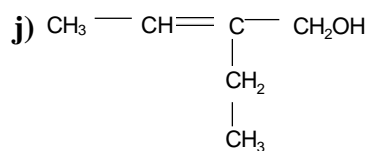
h)



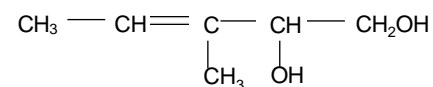
i)



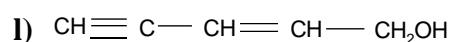
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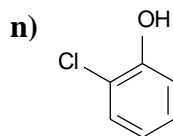
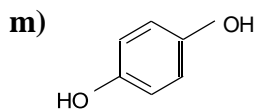


k)



l)





16. Formula estos compuestos:

a) Metanol

b) m-metilfenol

c) 1,2,3-propanotriol

d) 1-naftol

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

f) 1,3-bencenodiol

g) 3,4-dimetil-1-fenol

h) 2-metil-1-butanol

i) 2-metil-2-propanol

j) 3-cloro-2,4-dihidroxifenol

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

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

m) 2-fenilfenol

n) 2-propen-1-ol

o) 2-buten-1,4-diol

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

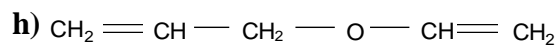
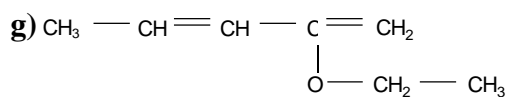
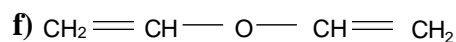
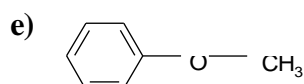
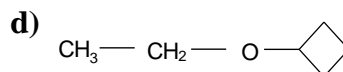
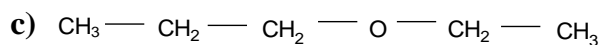
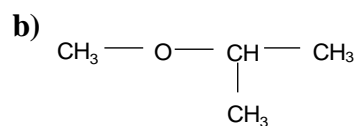
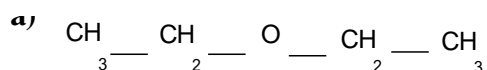
q) 2,3-dimetil-2,3-butanodiol

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

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

t) 3-yodofenol

17. Nombra los siguientes compuestos:



18. Formula estos compuestos:

a) Dimetiléter

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

c) 2-metoxifenol

d) Metoxietano

e) Metilviniléter

f) Etoxibenceno

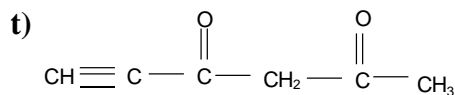
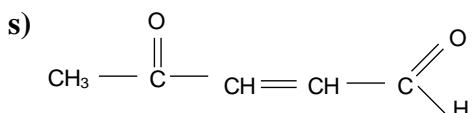
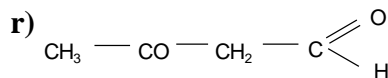
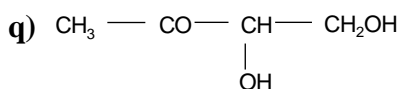
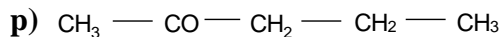
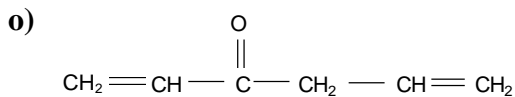
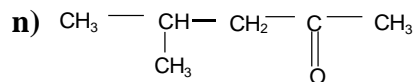
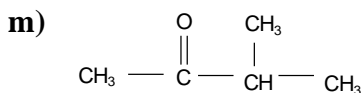
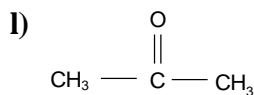
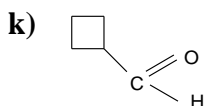
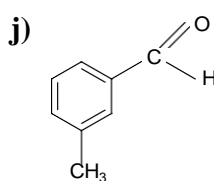
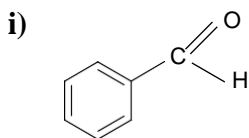
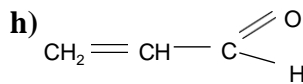
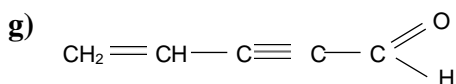
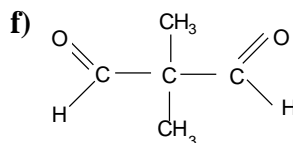
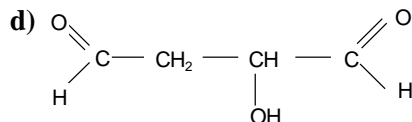
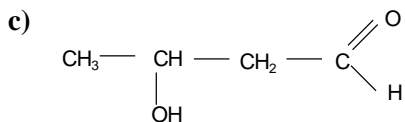
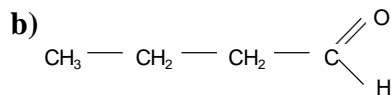
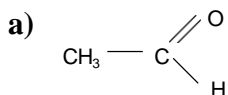
g) Etilmetiléter

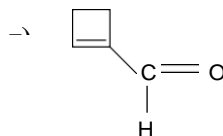
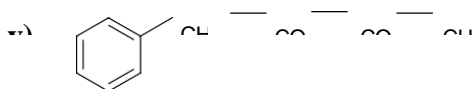
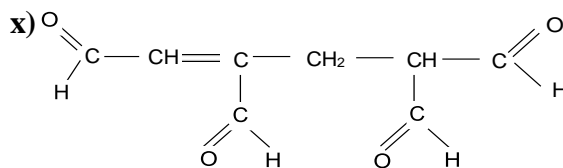
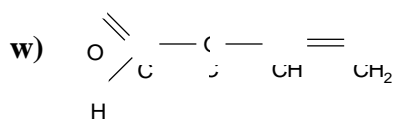
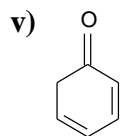
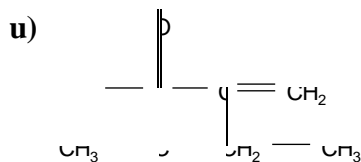
h) Bencilfeniléter

i) Difeniléter

j) Metoxi-1-metil-2-buteno

19. Nombra los siguientes compuestos:





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-dimetilpentanodi

i) 3-hepten-5-inal

j) 2-propenal

k) 3-fenil-2-propenal

l) 4-fenil-2-pentinal

m) 2-butinodial

n) 2-hidroxi-3,5-dioxohexanal

o) Propanona

p) 2,3-dioxo-4-pental

q) 3,5-diformilheptanodial

r) Metilbutanona

s) 2-metil-3-oxopentanal

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

u) 2-metoxi-3-oxobutanal

v) 3-ciclopentenona

w) 2,4-ciclohexanodienona

x) 2-metil-3-pentanona

y) 4-metil-2-pentanona

z) 1,4-heptadien-3-ona

aa) 2,4,7-octanotriona

3,6-dioxoheptanal

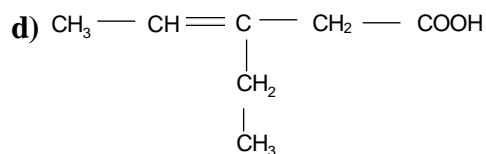
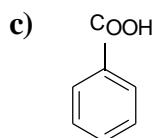
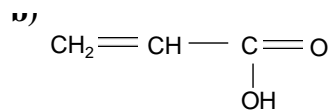
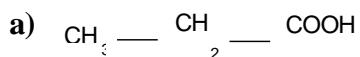
bb) 1-hepten-5-in-3-ona

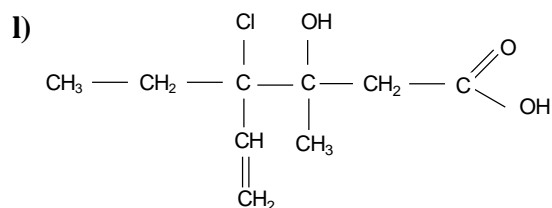
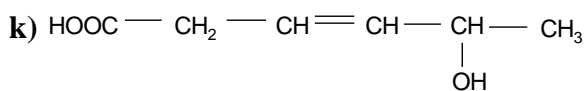
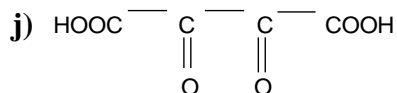
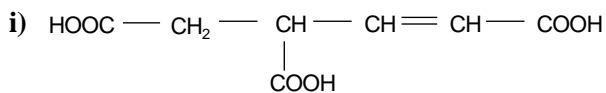
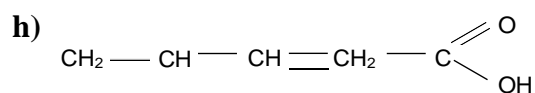
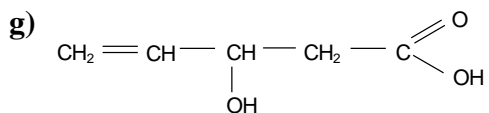
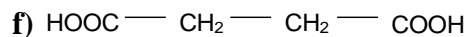
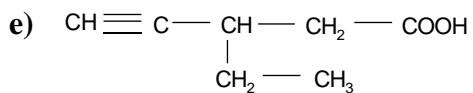
cc) 4-metil-2-ciclohexenona

COMPUESTOS OXIGENADOS

Ácidos carboxílicos

21. Nombra los siguientes compuestos:





22. Formula estos compuestos:

a) Ácido acético

b) Ácido benzoico

c) Ácido oxálico o ácido etanodioico

d) Ácido 2,4-pentadienoico

e) Ácido 2-penten-4-inoico

f) Ácido 3-metilbutanoico

g) Ácido 2-metil-3-pentenoico

h) Ácido 3-oxopentanoico

i) Ácido 5,5-dihidroxi-2-hexenoico

j) Ácido 3-hidroxi-4-oxopentanoico

k) Ácido 2-carboxipentanodioico

l) Ácido formilpropanoico

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

n) Ácido butinodioico

o) Ácido 2-metil-3-pentenoico

p) Ácido 2,5-octadienodioico

q) Ácido 2-hepten-5-ino-dioico

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

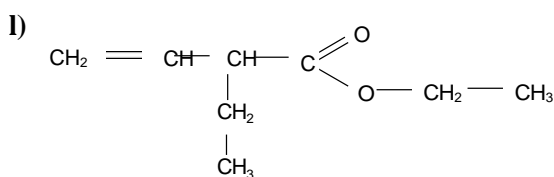
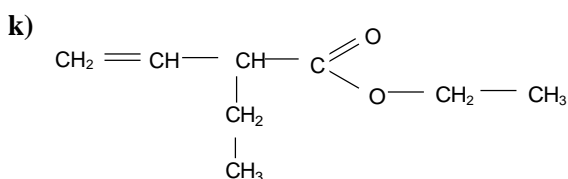
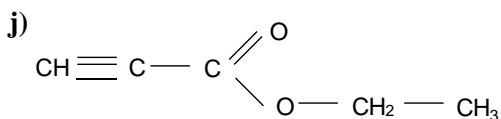
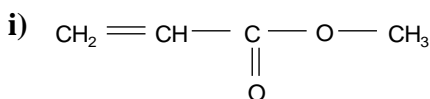
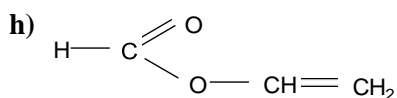
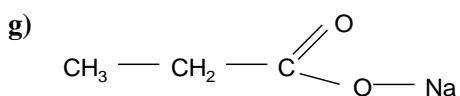
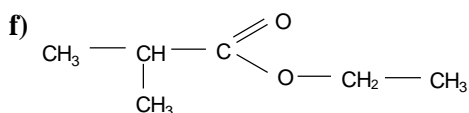
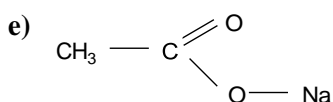
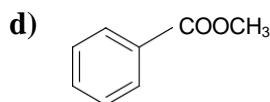
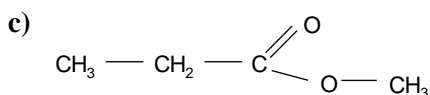
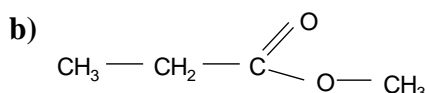
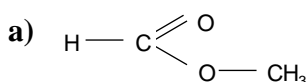
s) Ácido 3-carboxipentanodioico

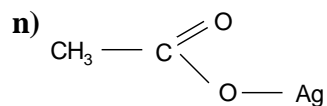
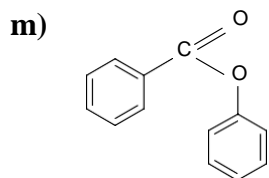
t) Ácido 2-carboxi-3-metilhexanodioico

COMPUESTOS OXIGENADOS

Ésteres y sales

23. Nombra los siguientes compuestos:





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)

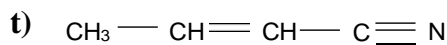
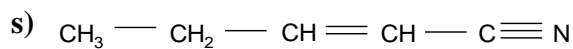
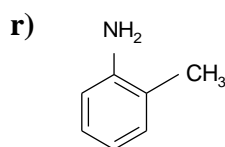
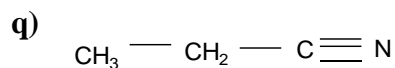
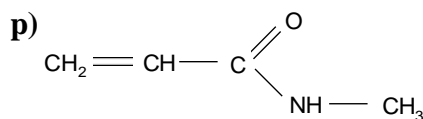
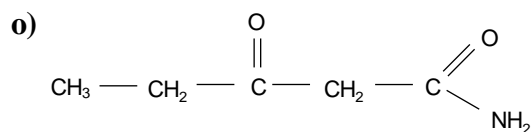
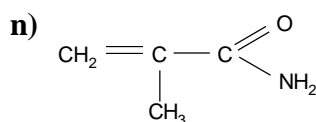
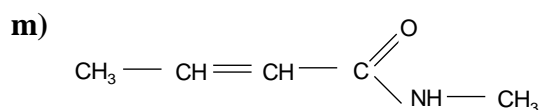
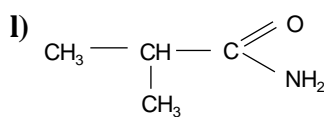
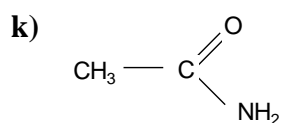
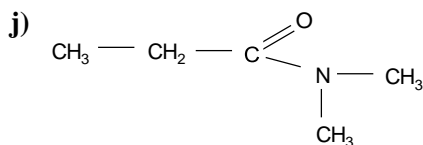
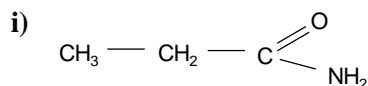
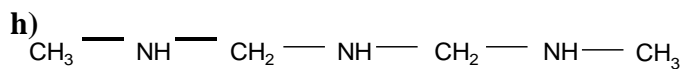
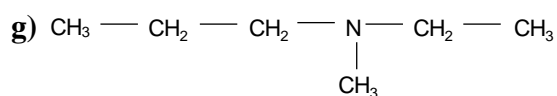
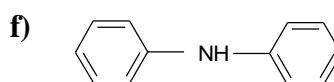
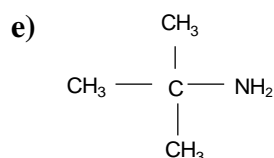
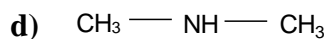
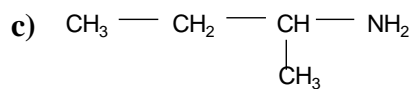
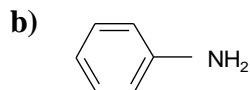
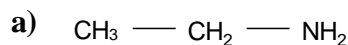
m) Propanoato de etenilo

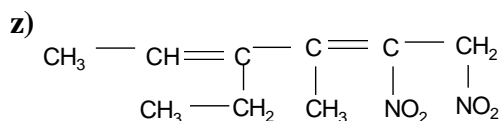
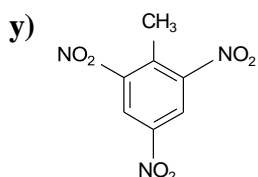
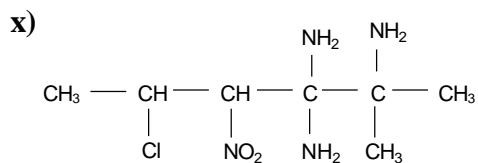
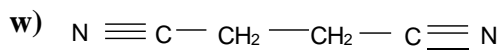
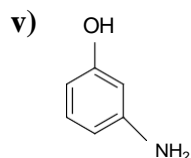
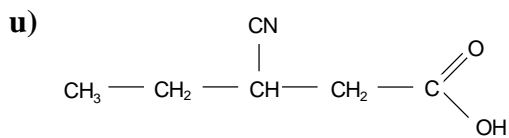
n) Acetato de palta

o) Etanoato de isopropilo

p) Benzoato de fenilo

25. Nombra los siguientes compuestos:





26. Formula estos compuestos:

a) 2-butanoamina

b) Dipropilamina

c) 2,3-dimetilanilina

d) Metilamina

e) Trimetilamina

f) Propanoamina

g) *N,N*-dimetilpropilamina

h) Propilbutilamina

i) 2-propenamida

j) 2,3-dimetilfenilamina

k) 2-metilfenilamina

l) 1,4,5-hexanotriamina

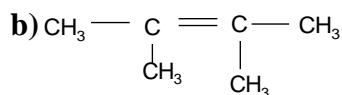
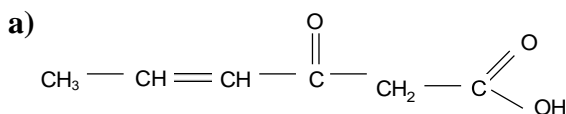
m) Butanamida

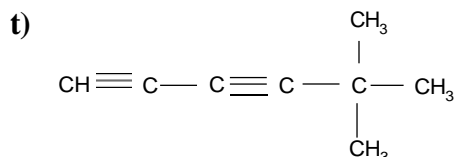
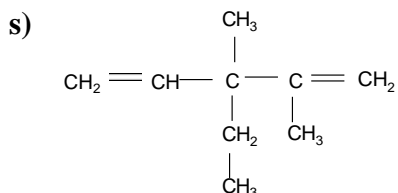
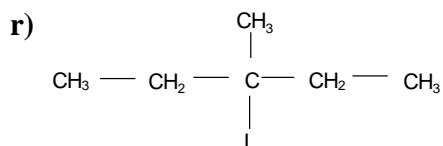
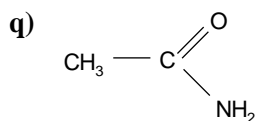
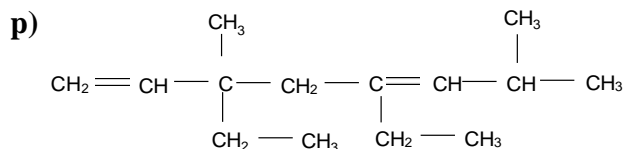
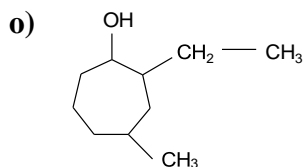
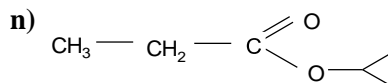
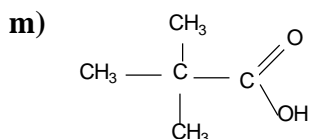
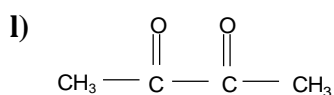
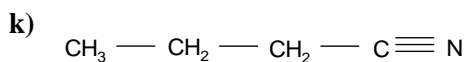
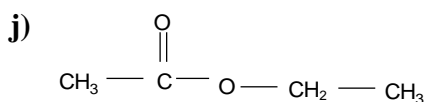
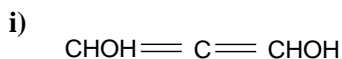
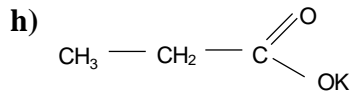
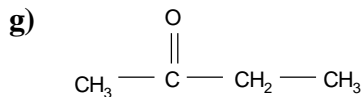
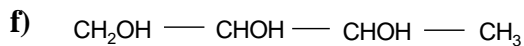
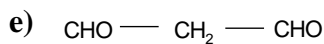
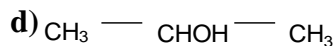
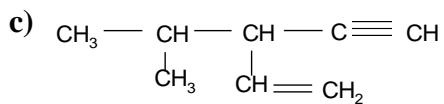
n) *N*-etil-propinamida

- o) 2,4-pentadienamida
- q) Metanamida
- s) *N*-metilpropenamida
- u) Butanodinitrilo
- w) Ácido 2-ciano-3-pentenoico
- y) Propenonitrilo
- 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-dinitrobenceno
- dd) 2,4,6-trinitrotolueno
- ff) 4-etil-3-metil-1,2-dinitro-2,4-hexadieno

AUTOEVALUACIÓN

27. Nombra los siguientes compuestos:





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

p) Acetona o propanona

q) 2,4,6-trinitrotolueno

r) Butinodial

s) 3-metil-1-butanol

t) Butilmetilamina

u) Ácido propenoico

v) Cianuro de propilo

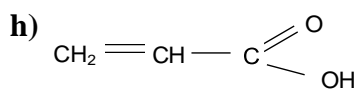
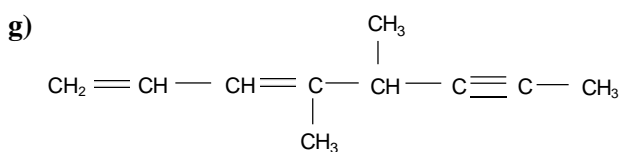
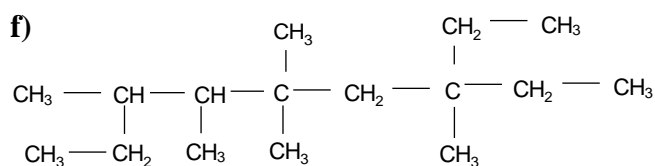
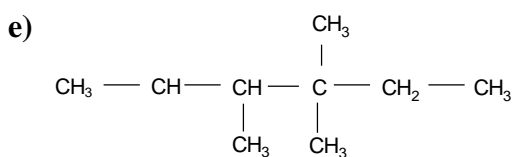
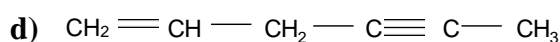
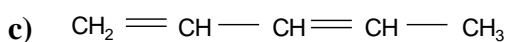
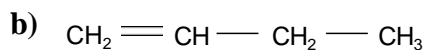
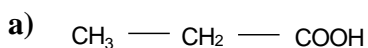
w) 3-metil-2,4-pentadienamida

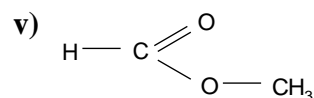
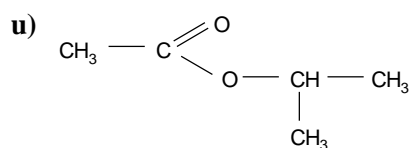
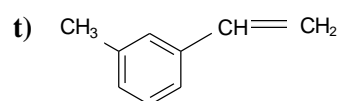
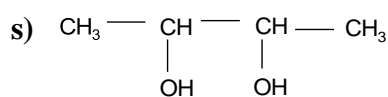
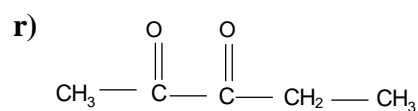
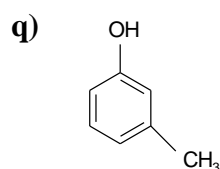
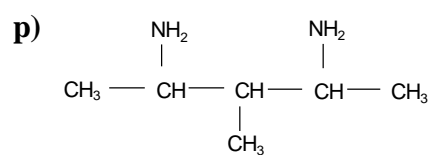
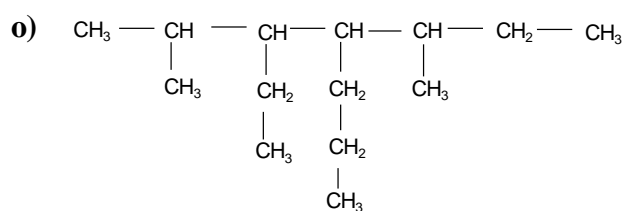
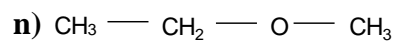
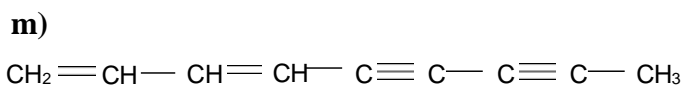
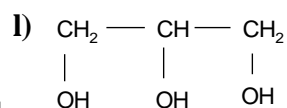
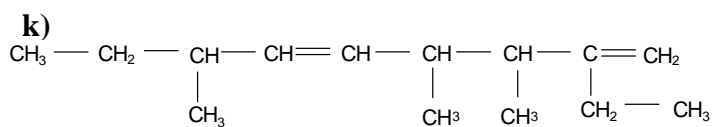
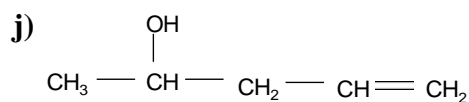
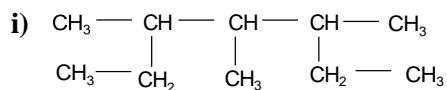
x) Benzoato de etilo

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

z) Ácido 3-metil-4-pentenoico

29. Nombra los siguientes compuestos:





30. Formula estos compuestos:

a) 3,3,4,4,-tetrametilheptano

b) Ácido 2-metil-4-pentenoico

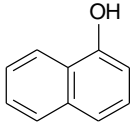
c) 3,4-dimetil-2-pentanol

d) *N,N*-dimetilbutilamina

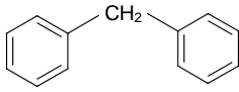
- e) **1,4,5-hexanotriol**
- f) **m-dietilbenceno**
- g) **Ácido 2,5-dioxo-3-hexenoico**
- h) **Dimetilpropanamida**
- i) **Etoxipropano**
- j) **4-etil-2,3-dimetil-5-propil-1,3,5-heptatrieno**
- k) **2,3-dimetilpentano**
- l) **Neopentano**
- m) **Etanoato de etilo**
- n) **Etilpropilcetona**
- o) **3,3-dietil-2,2-dimetilhexano**
- p) **3-buten-1,2-diol**
- q) **Ácido benzoico**
- r) **Etilpropileter**
- s) **2-metil-3-butenato de etilo**
- t) **3-hidroxi-3-metil-4-pentenal**
- u) **4-metoxi-2,3-pentadiona**
- v) **3,5-dimetilanilina**
- w) **Butiletilcetona**
- x) **Ácido etanodioico**
- y) **2,4-ciclopentadienona**
- z) **N-etil-N-metil-1-propenamina**

31. Nombra los siguientes compuestos:

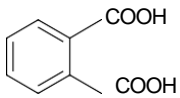
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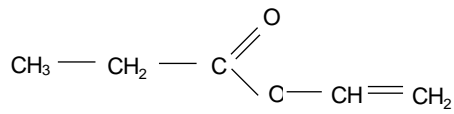
c)



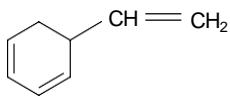
e)



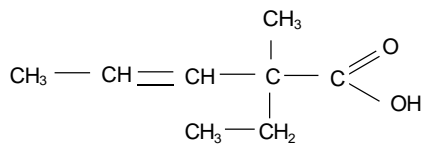
g)



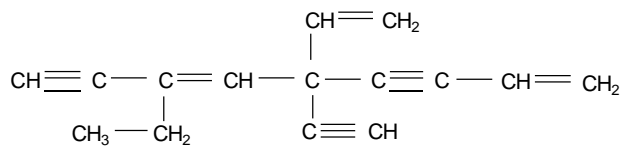
i)



k)



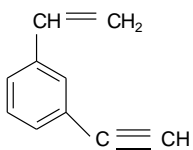
m)



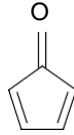
o)



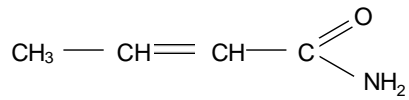
q)



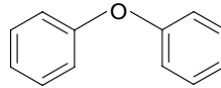
b)



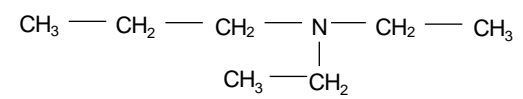
d)



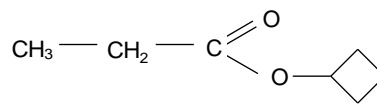
f)



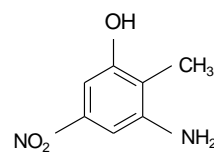
h)



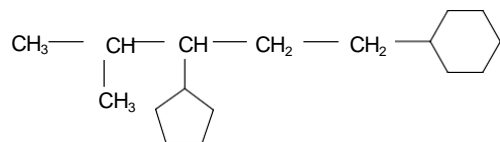
j)



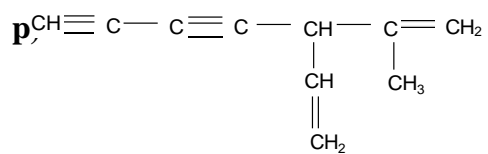
l)



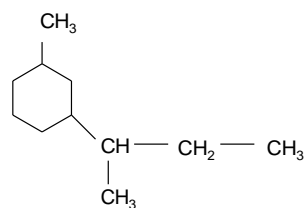
n)

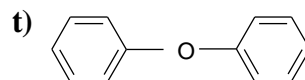
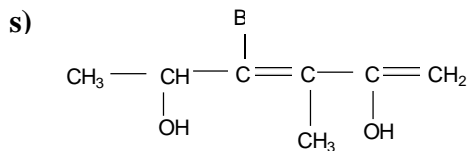


p)



r)





32. Formula estos compuestos:

a) 5-hidroxi-3-pentenitrilo

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

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

d) 4-metil-2-pentinodial

e) Ácido 2-etil-2,3-dimetilbutanoico

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

g) Propanoato de 2-propenilo

h) 1,3,5-bencenotriol

i) 2-pentinodinitrilo

j) m-xileno

k) 2-nitronaftaleno

l) Ácido 2-hidroxi-4-oxopentanoico

m) 1,2,3-propanotriol

n) 4-nitro-1-naftol

o) Fenol

p) Ácido 3-butenico

q) 1-penten-1,3-diol

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

s) 2-metoxi-3-oxobutanamida

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

u) *N*-etil-*N*-metilpropilamina

v) Ácido 2,4-hexadienoico

w) 3-metiloctano

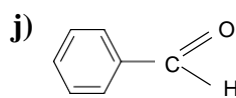
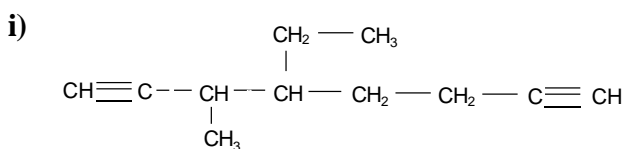
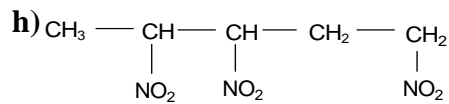
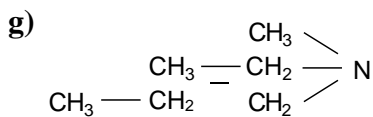
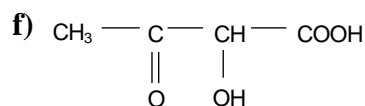
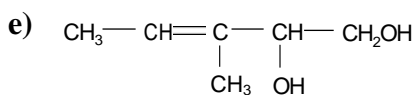
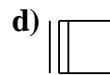
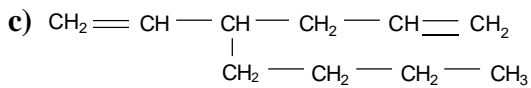
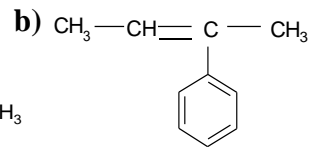
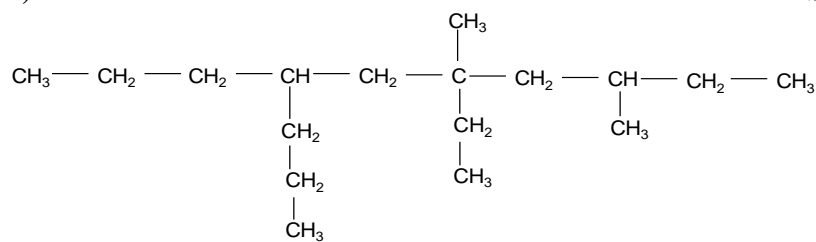
x) Propanoato de sodio

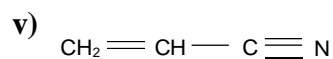
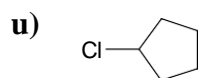
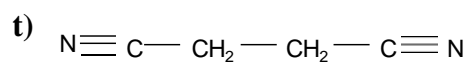
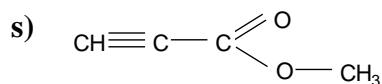
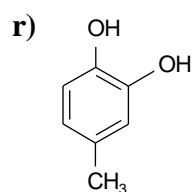
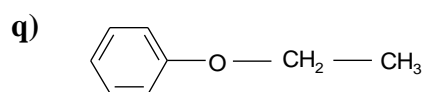
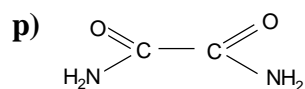
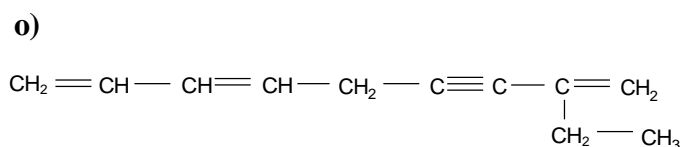
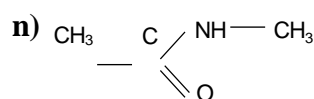
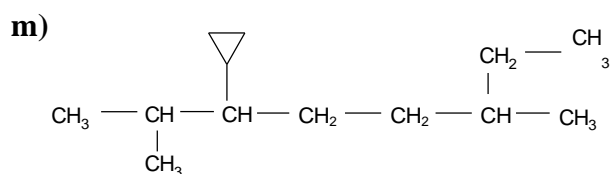
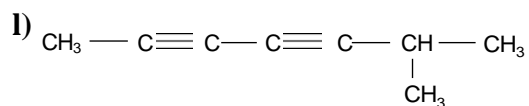
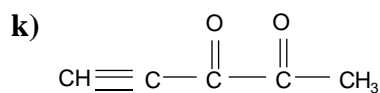
y) Neopentano

z) 1,2,2-trimetilciclopentano

33. Nombra los siguientes compuestos:

a)





34. Formula estos compuestos:

a) 2-etil-1-butanol

b) 3-metil-4,4-dibromociclohexanol

c) o-etilvinilbenceno

d) Ácido 2-etil-2,4-dimetilpentanoico

e) 4-amino-2-hidroxi-5-metilheptano

f) 2,3-dimetil-1-buteno

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

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

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

j) 3-metilbutanona

k) Etanoato de sodio

l) Metiletilamina

m) Difenilamina

n) Ácido butanodioico

o) Butanonitrilo

p) 3-etil-1,4-hexadiino

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

r) 1,5-hexadien-3-ona

s) 3,6-dioxoheptanal

t) Ácido 2-hidroxiopropanoico

u) 1,3,5-trimetilbenceno

v) 2-metil-1-butanol

w) 4-etil-3-heptenodial

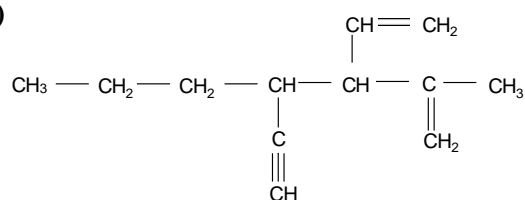
x) Etoxipropeno

y) Ácido 3-carboxihexanodioico

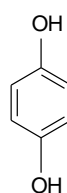
z) Cianuro de etenilo

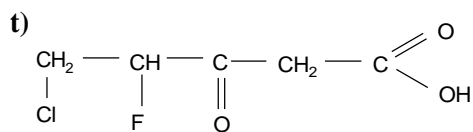
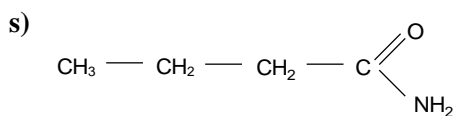
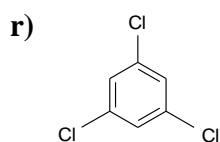
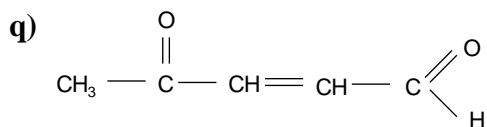
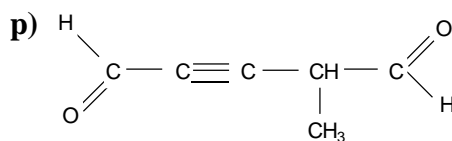
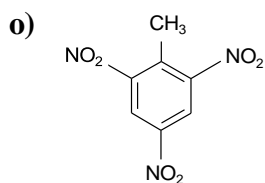
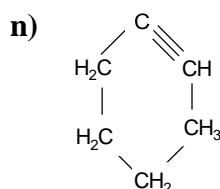
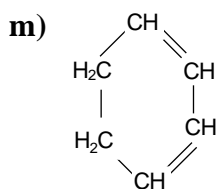
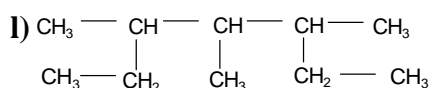
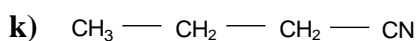
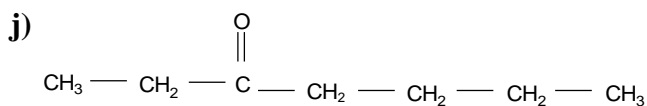
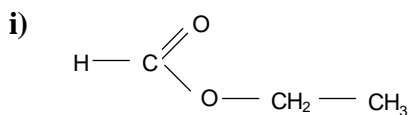
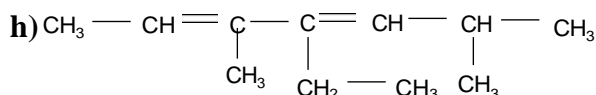
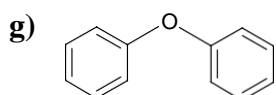
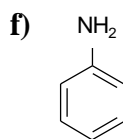
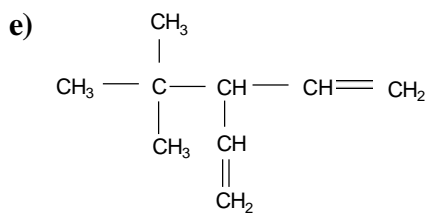
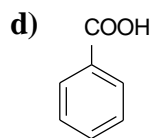
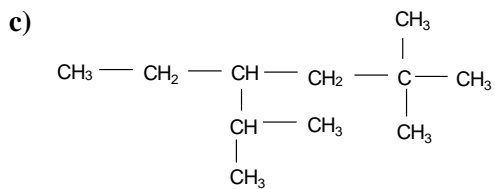
35. Nombra los siguientes compuestos:

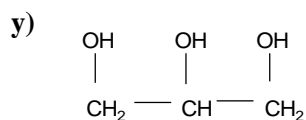
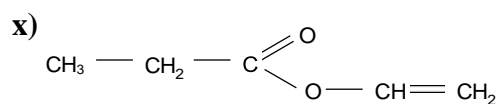
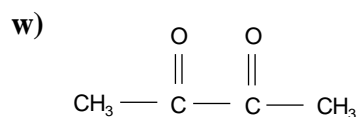
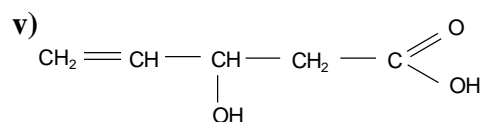
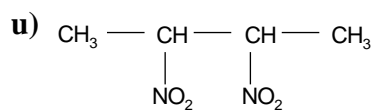
a)



b)







36. Formula estos compuestos:

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

b) Ácido 2-metil-3-pentenodióico

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-dietil-5-isopropil-4-metiloctano

m) 2-buten-1,4-diol

n) Naftaleno

o) Yodociclohexano

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

q) 3-metil-2-etilhexanal

r) Cianuro de etilo

s) Etanamina

t) m-xileno

u) 2-cloro-3-flúor-1,4-hexadieno

v) Cilcopropilciclopentano

w) Propinoato de etilo

x) Metoxiciclobutano

y) 4-hidroxi-2-pentenal