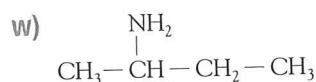
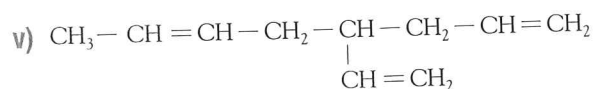
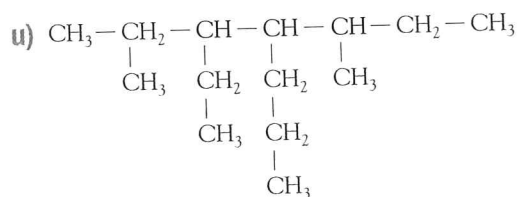
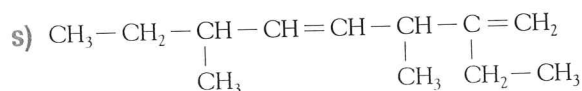
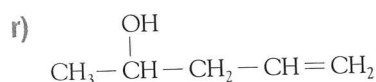
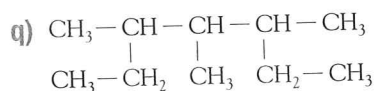
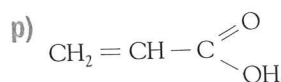
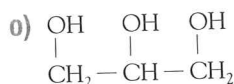
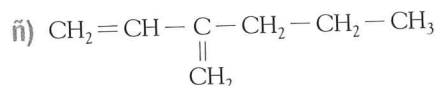
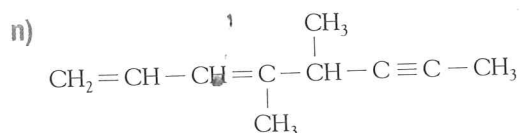
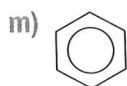
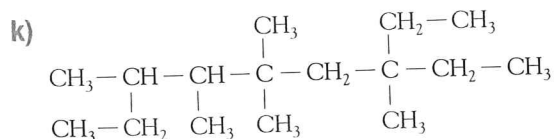
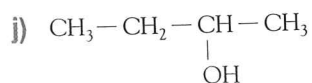
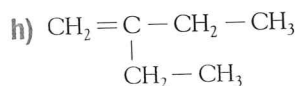
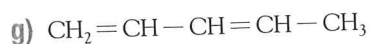
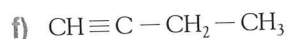
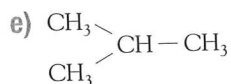
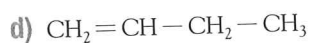
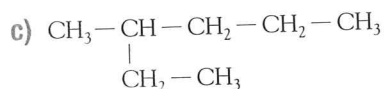
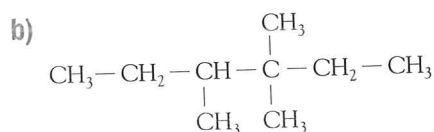
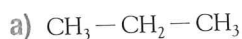


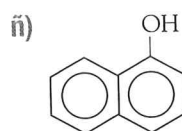
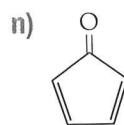
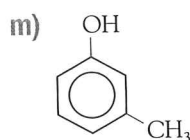
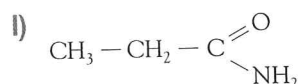
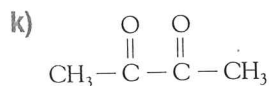
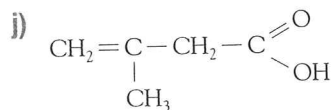
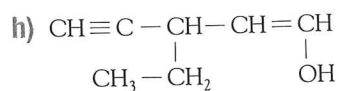
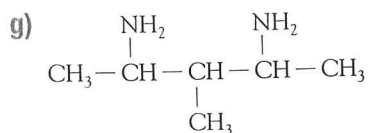
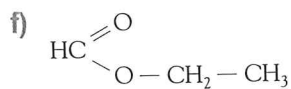
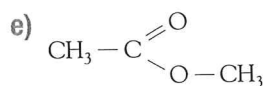
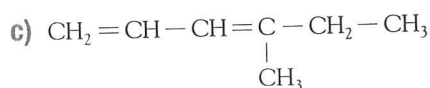
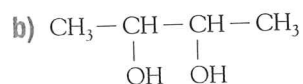
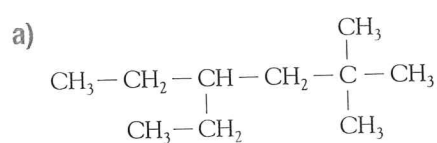
1 Nombra los siguientes compuestos:



2 Formula los siguientes compuestos:

- a) Propano.
- b) 2-pentanol (*pentan-2-ol*).
- c) 2,3-dimetilpentano.
- d) 2-buteno (*but-2-eno*).
- e) 1-buteno (*but-1-enol*).
- f) 2,3-pentadieno (*penta-2,3-dieno*).
- g) 4-etil-3,4-dimetilheptano.
- h) 3,3,4,4-tetrametilheptano.
- i) 2-metil-2-buteno (*2-metilbut-2-eno*).
- j) Ácido pentanoico.
- k) Ácido 4-metilpentanoico.
- l) 2-buten-1-ol (*but-2-en-1-ol*).
- m) 2,4-octadien-6-ino (*octa-2,4-dien-6-ino*).
- n) Ácido propenoico.
- ñ) 1,3,5-heptatrieno (*hepta-1,3,5-trieno*).
- o) 3-etil-3,4-dimetil-4-isopropilheptano.
- p) Fenol.
- q) Tolueno.
- r) 3-metil-1-butanol (*3-metilbutan-1-ol*).
- s) 3,3-dietil-2,2-dimetilhexano.
- t) 4-etil-2,3-dimetil-5-propil-1,3,5-heptatrieno (*4-etil-2,3-dimetil-5-propilhepta-1,3,5-trieno*).
- u) Ácido 2-metil-4-pentenoico (*ácido 2-metilpent-4-enoico*).
- v) 3,4-dimetil-2-pentanol (*3,4-dimetilpenta-2-ol*).

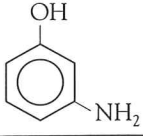
1 Nombra los siguientes compuestos:



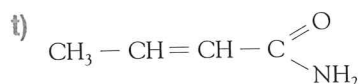
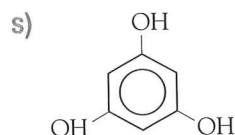
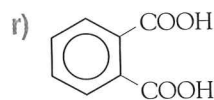
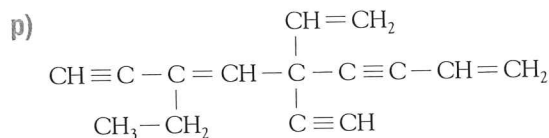
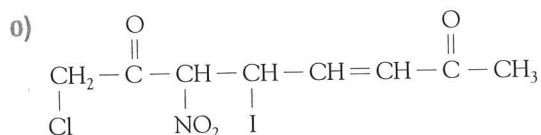
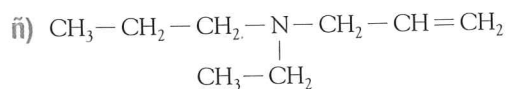
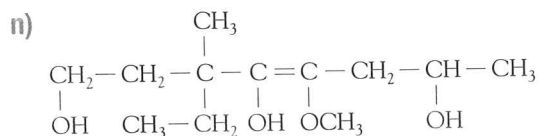
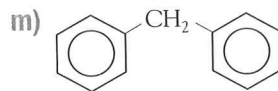
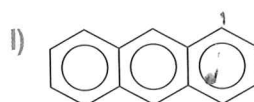
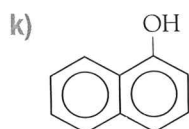
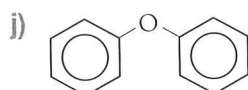
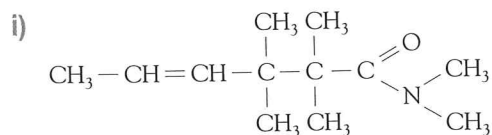
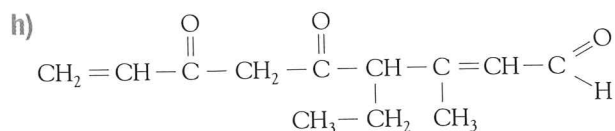
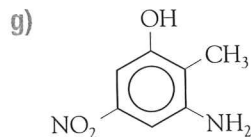
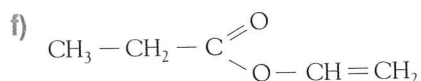
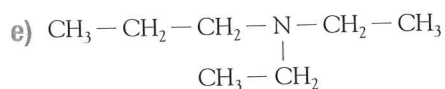
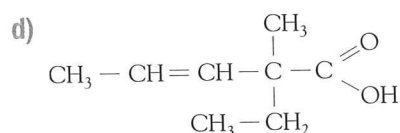
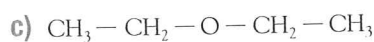
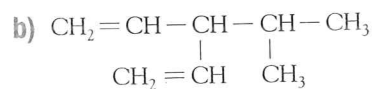
2 Formula los siguientes compuestos:

- a) 2,3-dicloropentano.
- b) Acetona o propanona.
- c) 2,4,6-trinitrotolueno.
- d) Butinodial.
- e) Ácido 3-metil-4-pentinoico
(ácido 3-metilpent-4-enoico).
- f) Benzoato de etilo.
- g) Cianuro de propilo.
- h) 3-metil-2,4-pentadienamida
(3-metilpenta-2,4-dienamida).
- i) Butilmetilamina.
- j) 3,4,5-trimetil-3-propil-1,4-hexadieno
(3,4,5-trimetil-3-propilhexa-1,4-dieno).
- k) *N,N*-dimetilbutilamina.
- l) 1,4,5-hexanotriol (hexano-1,4,5-triol).
- m) Ácido 2,5-dioxo-3-hexenoico
(ácido 2,5-dioxohex-3-enoico).
- n) Dimetilpropanamida.
- ñ) Etoxipropano.
- o) Neopentano.

3 Señala los errores, si los hubiera, y escribe la forma correcta:

FÓRMULA	NOMBRE	CORRECCIÓN
$\text{CH}_3 - \text{CH}_2 - \overset{\text{O}}{\parallel} \text{C} - \text{C} \begin{matrix} \nearrow \text{O} \\ \searrow \text{H} \end{matrix}$	1,2-butanodiona (butano-1,2-diona)	
$\text{CH}_2 = \text{CH} - \text{C} \equiv \text{CH} - \text{CH}_3$	1-penten-3-ino (pent-1-en-3-ino)	
$\begin{array}{ccccccc} \text{CH}_2 & - & \text{CH} & - & \text{CH} & - & \text{CH} = \text{CH}_2 \\ & & & & & & \\ \text{Cl} & & \text{OH} & & \text{CH}_3 & & \end{array}$	5-cloro-3-metil-1-penten-4-ol (5-cloro-3-metilpent-1-en-4-ol)	
$\text{CH}_3 - \text{CH}_2 - \overset{\text{O}}{\parallel} \text{C} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	Etilpropilcetona	
	m-hidroxianilina	
$\text{HOOC} - \text{CH}_2 - \text{CH}_2 - \text{COOH}$	Ácido butanodioico	
$\text{CH}_3 - \text{C} \begin{matrix} \nearrow \text{O} \\ \searrow \text{O} - \text{CH}_2 - \text{CH}_3 \end{matrix}$	Metanoato de etilo	

1 Nombra los siguientes compuestos:



2 Formula los siguientes compuestos:

- a) Butiletilcetona.
- b) 3-buten-1,2-diol (*but-3-en-1,2-diol*).
- c) Ácido benzoico.
- d) Etilpropiléter.
- e) 2-metil-3-butenato de etilo (*2-metilbut-3-enoato de etilo*).
- f) Ácido etanodioico (ácido oxálico).
- g) 3-hidroxi-3-metil-4-pentenal (*3-hidroxi-3-metilpent-4-enal*).
- h) 4-metoxi-2,3-pentadiona (*4-metoxipenta-2,3-diona*).
- i) 3,5-dimetilanilina.
- j) Ácido ciclobutanocarboxílico.
- k) 2,4-ciclopentadienona (*ciclopenta-2,4-dienona*).
- l) *N*-etil-*N*-metil-1-propenamina (*N*-etil-*N*-metilprop-1-enamina).
- m) 5-hidroxi-3-pentenonitrilo (*5-hidroxi-pent-3-enonitrilo*).
- n) 4-etil-6-metil-4-hepten-2-ino (*4-etil-6-metilhept-4-en-2-ino*).
- ñ) 4-etil-4-metil-5-hepten-3,3-diol (*4-etil-4-metilhept-5-en-3,3-diol*).
- o) 4-metil-2-pentinodial (*4-metilpent-2-inodial*).
- p) Ácido 2-etil-2,3-dimetilbutanoico.
- q) 5-vinil-3,6-heptadien-2-ona (*5-vinilhepta-3,6-dien-2-ona*).
- r) Propanoato de 2-propenilo (*propanoato de prop-2-enilo*).
- s) Ácido 3,4-diformilbutanoico.
- t) 1,3,5-bencenotriol (*benceno-1,3,5-triol*).

1 Relaciona el nombre con la fórmula correspondiente:

3-hepteno
(hept-3-eno)

p-metilfenol

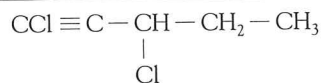
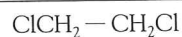
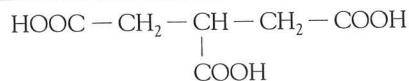
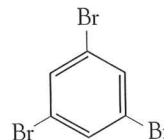
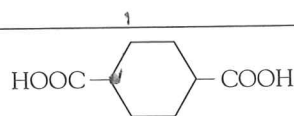
1,2-dicloroetano

1,3-dicloro-1-pentino
(1,3-dicloropent-1-ino)

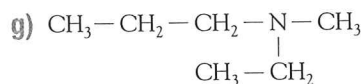
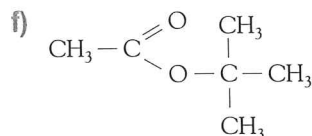
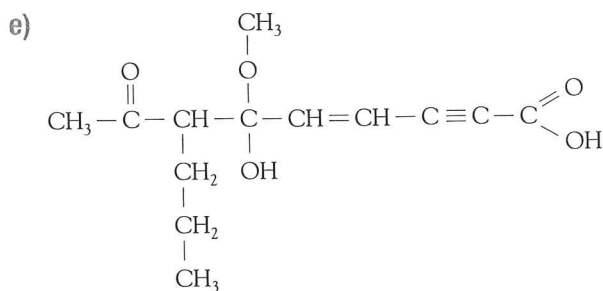
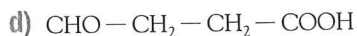
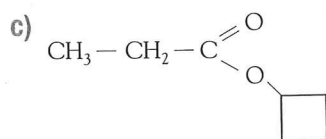
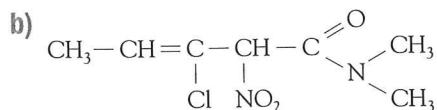
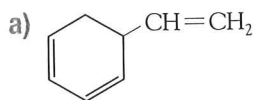
Ácido 1,4-ciclohexanodicarboxílico
(ácido ciclohexano-1,4-dicarboxílico)

1,3,5-tribromobenceno

Ácido 1,2,3-propanotricarboxílico
(ácido propano-1,2,3-tricarboxílico)



2 Nombra los siguientes compuestos orgánicos:



3 Formula los siguientes compuestos orgánicos:

a) 2-pentinodinitrilo (*pent-2-inodinitrilo*).

k) m-xileno.

b) 2-nitronaftaleno.

l) Ácido 2-hidroxi-4-oxopentanoico.

c) 4-nitro-1-naftol (*4-nitronaft-1-ol*).

m) 1,2,3-propanotriol (*propano-1,2,3-triol*).

d) Fenol.

n) p-xileno.

e) Ácido 3-butenico (*ácido but-3-enoico*).

ñ) 1-penten-1,3-diol (*pent-1-en-1,3-diol*).

f) 3,3-dimetil-1,4-pentanodiol
(*3,3-dimetilpentano-1,4-diol*).

o) 2-metoxi-3-oxobutanamida.

g) 2,4-heptadien-6-in-1-ol (*hepta-2,4-dien-6-in-1-ol*).

p) N-etil-N-metilpropilamina.

h) Ácido 2,4-hexadienoico (*ácido hexa-2,4-dienoico*).

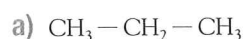
q) Neopentano.

i) Propanoato de sodio.

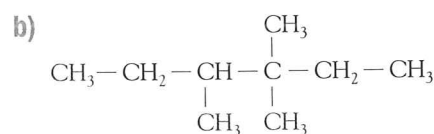
r) 3-metiloctano.

j) 4-formil-5-metil-2,6-octadienodial
(*4-formil-5-metilocta-2,6-dienodial*).

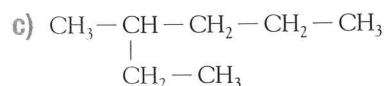
1 Nombra los siguientes compuestos:



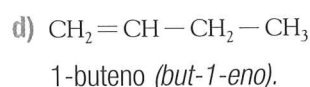
Propano.



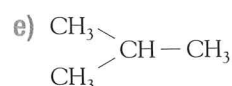
3,3,4-trimetilhexano.



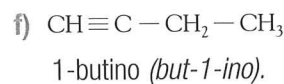
3-metilhexano.



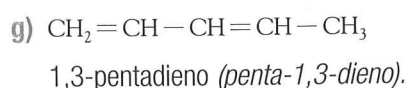
1-buteno (*but-1-eno*).



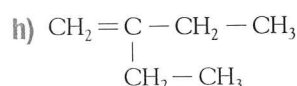
Isobutano o 2-metilpropano.



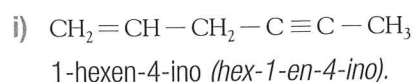
1-butino (*but-1-ino*).



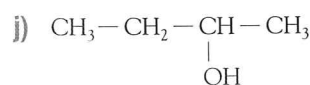
1,3-pentadieno (*penta-1,3-dieno*).



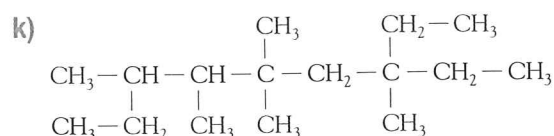
2-etil-1-buteno (*2-etilbut-1-eno*).



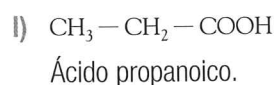
1-hexen-4-ino (*hex-1-en-4-ino*).



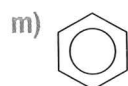
2-butanol (*butan-2-ol*).



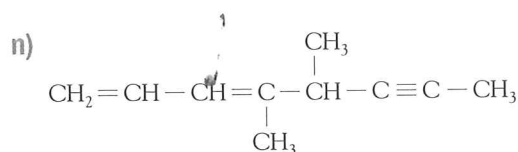
3-etil-3,5,5,6,7-pentametilnonano.



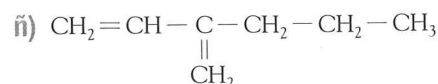
Ácido propanoico.



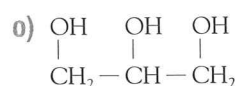
Benceno.



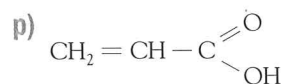
4,5-dimetil-1,3-octadien-6-ino
(*4,5-dimetilocta-1,3-dien-6-ino*).



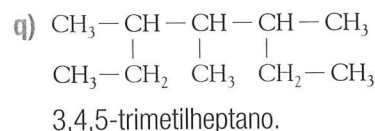
2-propil-1,3-butadieno (*2-propilbuta-1,3-dieno*).



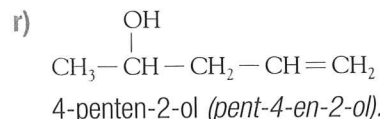
1,2,3-propanotriol (glicerina o glicerol)
(*propano-1,2,3-triol*).



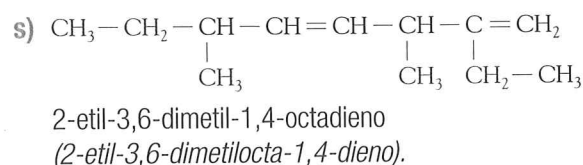
Ácido propenoico.



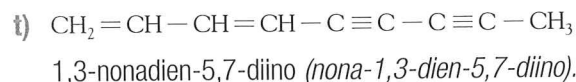
3,4,5-trimetilheptano.



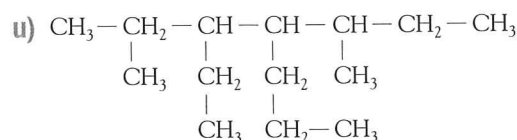
4-penten-2-ol (*pent-4-en-2-ol*).



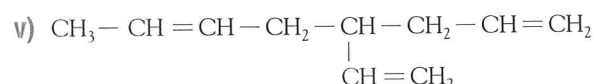
2-etil-3,6-dimetil-1,4-octadieno
(*2-etil-3,6-dimetilocta-1,4-dieno*).



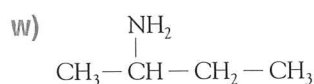
1,3-nonadien-5,7-diino (*nona-1,3-dien-5,7-diino*).



3-etil-2,5-dimetil-4-propilheptano.



4-vinil-1,6-octadieno (*4-vinilocta-1,6-dieno*).



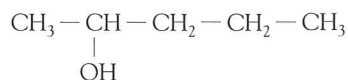
2-butanamina (*butan-2-amina*).

2 Formula los siguientes compuestos:

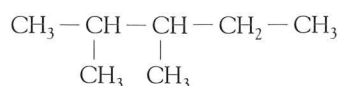
a) Propano.



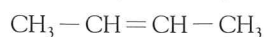
b) 2-pentanol (*pentan-2-ol*).



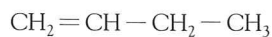
c) 2,3-dimetilpentano.



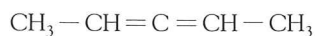
d) 2-buteno (*but-2-eno*).



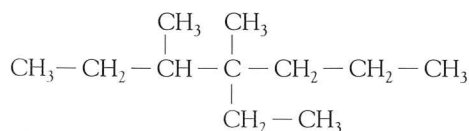
e) 1-buteno (*but-1-eno*).



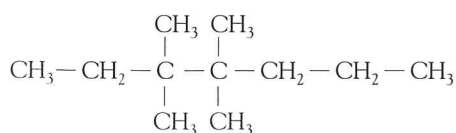
f) 2,3-pentadieno (*penta-2,3-dieno*).



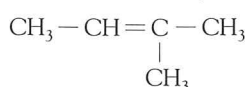
g) 4-etil-3,4-dimetilheptano.



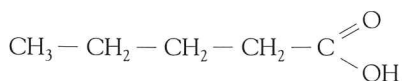
h) 3,3,4,4-tetrametilheptano.



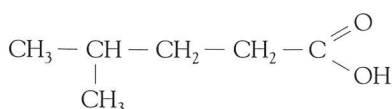
i) 2-metil-2-buteno (*2-metilbut-2-eno*).



j) Ácido pentanoico.



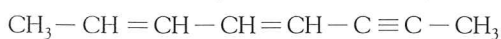
k) Ácido 4-metilpentanoico.



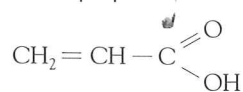
l) 2-buten-1-ol (*but-2-en-1-ol*).



m) 2,4-octadien-6-ino (*octa-2,4-dien-6-ino*).



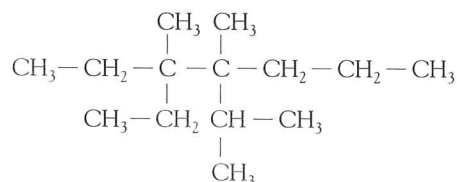
n) Ácido propenoico.



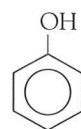
ñ) 1,3,5-heptatrieno (*hepta-1,3,5-trieno*).



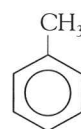
o) 3-etil-3,4-dimetil-4-isopropilheptano.



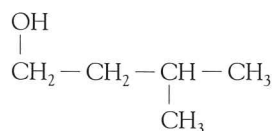
p) Fenol.



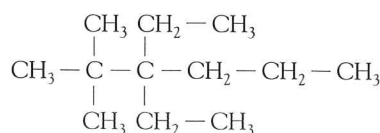
q) Tolueno.



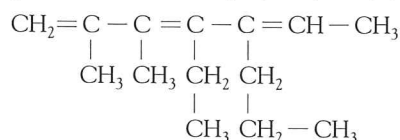
r) 3-metil-1-butanol (*3-metilbutan-1-ol*).



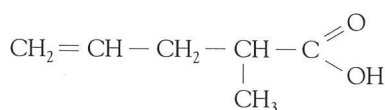
s) 3,3-diethyl-2,2-dimetilhexano.



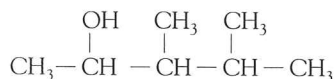
t) 4-etil-2,3-dimetil-5-propil-1,3,5-heptatrieno (*4-etil-2,3-dimetil-5-propilhepta-1,3,5-trieno*).



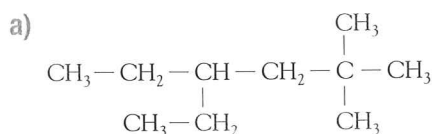
u) Ácido 2-metil-4-pentenoico (*ácido 2-metilpent-4-enoico*).



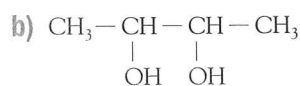
v) 3,4-dimetil-2-pentanol (*3,4-dimetilpenta-2-ol*).



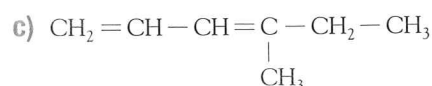
1 Nombra los siguientes compuestos:



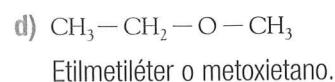
4-etil-2,2-dimetilhexano.



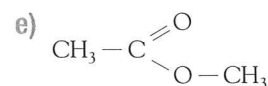
2,3-butanodiol (*butano-2,3-diol*).



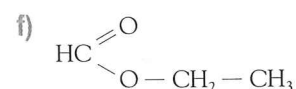
4-metil-1,3-hexadieno (*4-metilhexa-1,3-dieno*).



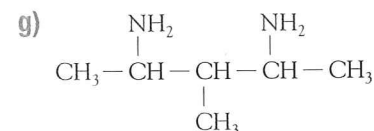
Etilmetiléter o metoxietano.



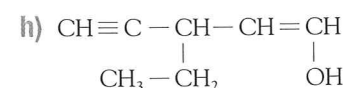
Acetato de metilo o etanoato de metilo.



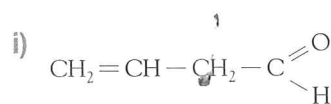
Formiato de etilo o metanoato de etilo.



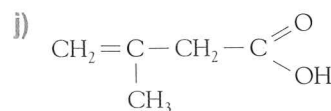
3-metil-2,4-pentanodiamina
(*3-metilpentano-2,4-diamina*).



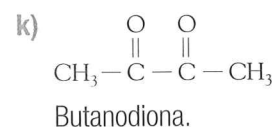
3-etil-1-penten-4-in-1-ol (*3-etilpent-1-en-4-in-1-ol*).



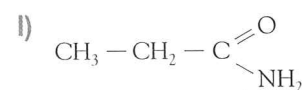
3-butenal (*but-3-enal*).



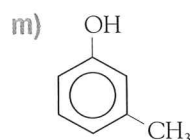
Ácido 3-metil-3-butenico (*ácido 3-metilbut-3-enoico*).



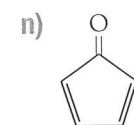
Butanodiona.



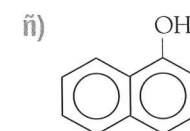
Propanamida.



m-metilfenol o 3-metilbecenol.



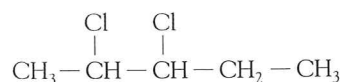
2,4-ciclopentadienona (*ciclopenta-2,4-dienona*).



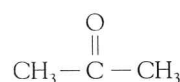
1-naftol (*naft-1-ol*).

2 Formula los siguientes compuestos:

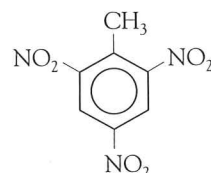
a) 2,3-dicloropentano.



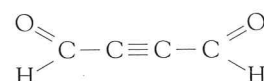
b) Acetona o propanona.



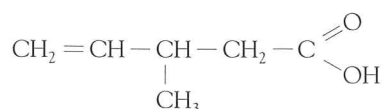
c) 2,4,6-trinitrotolueno.



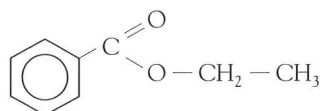
d) Butinodial.



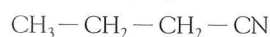
e) Ácido 3-metil-4-pentenoico (*ácido 3-metilpent-4-enoico*).



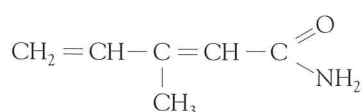
f) Benzoato de etilo.



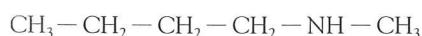
g) Cianuro de propilo.



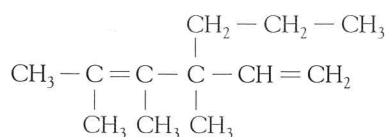
h) 3-metil-2,4-pentadienamida (*3-metilpenta-2,4-dienamida*).



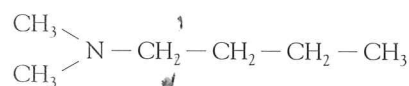
i) Butilmetilamina.



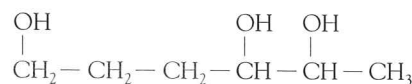
j) 3,4,5-trimetil-3-propil-1,4-hexadieno (*3,4,5-trimetil-3-propilhexa-1,4-dieno*).



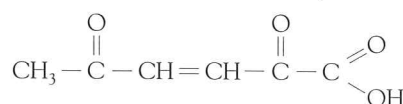
k) *N,N*-dimetilbutilamina.



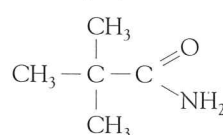
l) 1,4,5-hexanotriol (*hexano-1,4,5-triol*).



m) Ácido 2,5-dioxo-3-hexenoico (*ácido 2,5-dioxohex-3-enoico*).



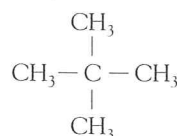
n) Dimetilpropanamida.



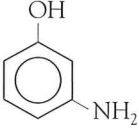
ñ) Etoxipropano.



o) Neopentano.

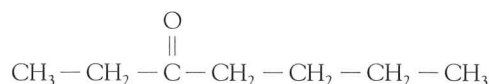


3 Señala los errores, si los hubiera, y escribe la forma correcta:

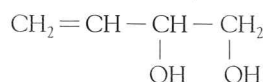
FÓRMULA	NOMBRE	CORRECCIÓN
$\text{CH}_3-\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{C}\begin{matrix} \text{O} \\ \parallel \\ \text{H} \end{matrix}$	1,2-butanodiona (<i>butano-1,2-diona</i>)	2-oxobutanal
$\text{CH}_2=\text{CH}-\text{C}\equiv\text{C}-\text{CH}_3$	1-penten-3-ino (<i>pent-1-en-3-ino</i>)	$\text{CH}_2=\text{CH}-\text{C}\equiv\text{C}-\text{CH}_3$
$\begin{array}{c} \text{CH}_2-\text{CH}-\text{CH}-\text{CH}=\text{CH}_2 \\ \quad \quad \\ \text{Cl} \quad \text{OH} \quad \text{CH}_3 \end{array}$	5-cloro-3-metil-1-penten-4-ol (<i>5-cloro-3-metilpent-1-en-4-ol</i>)	1-cloro-3-metil-4-penten-2-ol (<i>1-cloro-3-metilpent-4-en-2-ol</i>)
$\text{CH}_3-\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{CH}_2-\text{CH}_2-\text{CH}_3$	Etilpropilcetona	—
	m-hidroxianilina	m-aminofenol
$\text{HOOC}-\text{CH}_2-\text{CH}_2-\text{COOH}$	Ácido butanodioico	—
$\text{CH}_3-\text{C}\begin{matrix} \text{O} \\ \parallel \\ \text{O}-\text{CH}_2-\text{CH}_3 \end{matrix}$	Metanoato de etilo	Etanoato de etilo

2 Formula los siguientes compuestos:

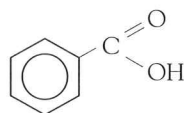
a) Butiletilcetona.



b) 3-buten-1,2-diol (*but-3-en-1,2-diol*).



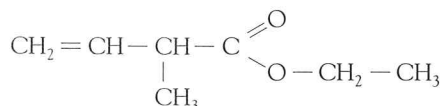
c) Ácido benzoico.



d) Etilpropiléter.



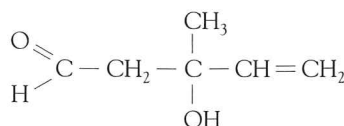
e) 2-metil-3-butenato de etilo (*2-metilbut-3-enoato de etilo*).



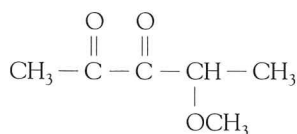
f) Ácido etanodioico (ácido oxálico).



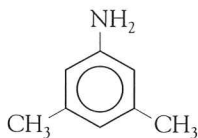
g) 3-hidroxi-3-metil-4-pental (*3-hidroxi-3-metilpent-4-enal*).



h) 4-metoxi-2,3-pentadiona (*4-metoxipenta-2,3-diona*).



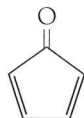
i) 3,5-dimetilanilina.



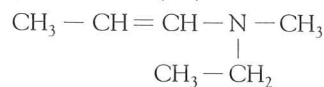
j) Ácido ciclobutanocarboxílico.



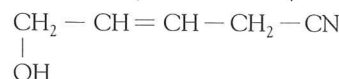
k) 2,4-ciclopentadienona (*ciclopenta-2,4-dienona*).



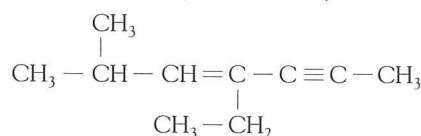
l) *N*-etil-*N*-metil-1-propenammina (*N*-etil-*N*-metilprop-1-enamina).



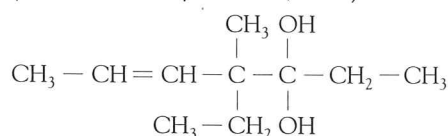
m) 5-hidroxi-3-pentenonitrilo (*5-hidroxipent-3-enonitrilo*).



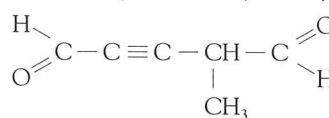
n) 4-etil-6-metil-4-hepten-2-ino (*4-etil-6-metilhept-4-en-2-ino*).



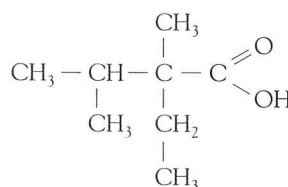
ñ) 4-etil-4-metil-5-hepten-3,3-diol (*4-etil-4-metilhept-5-en-3,3-diol*).



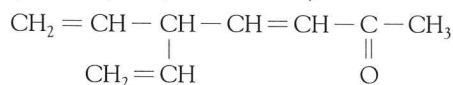
o) 4-metil-2-pentinodial (*4-metilpent-2-inodial*).



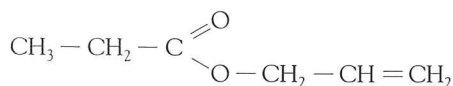
p) Ácido 2-etil-2,3-dimetilbutanoico.



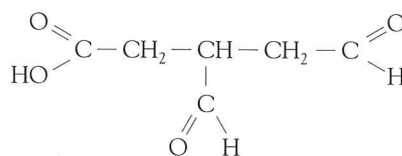
q) 5-vinil-3,6-heptadien-2-ona (*5-vinilhepta-3,6-dien-2-ona*).



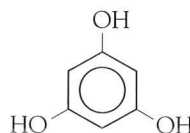
r) Propanoato de 2-propenilo (*propanoato de prop-2-enilo*).



s) Ácido 3,4-diformilbutanoico.



t) 1,3,5-bencenotriol (*benceno-1,3,5-triol*).



1 Relaciona el nombre con la fórmula correspondiente:

3-hepteno
(hept-3-eno)

p-metilfenol

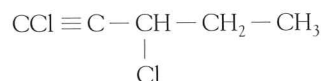
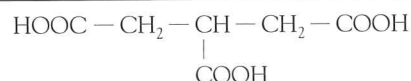
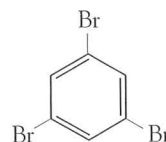
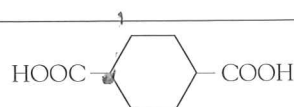
1,2-dicloroetano

1,3-dicloro-1-pentino
(1,3-dicloropent-1-ino)

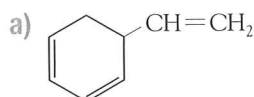
Ácido 1,4-ciclohexanodicarboxílico
(ácido ciclohexano-1,4-dicarboxílico)

1,3,5-tribromobenceno

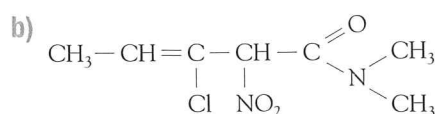
Ácido 1,2,3-propanotricarboxílico
(ácido propano-1,2,3-tricarboxílico)



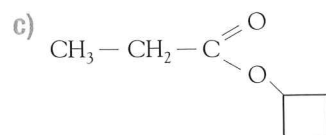
2 Nombra los siguientes compuestos orgánicos:



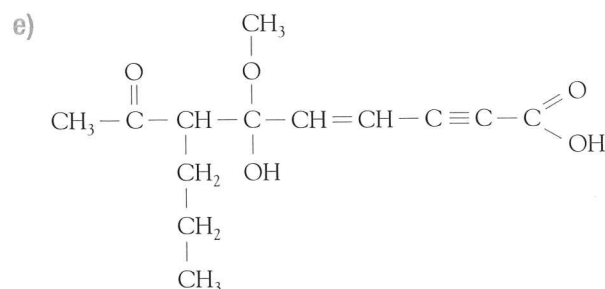
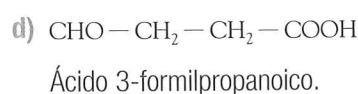
5-vinil-1,3-ciclohexadieno (5-vinilciclohexa-1,3-dieno).



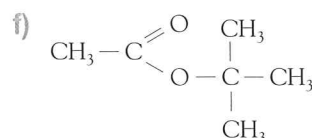
N,N-dimetil-3-cloro-2-nitro-3-pentenamida
(N,N-dimetil-3-cloro-2-nitropent-3-enamida).



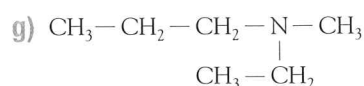
Propanoato de ciclobutilo.



Ácido 6-hidroxi-6-metoxi-8-oxo-7-propil-4-nonen-2-inoico
(ácido 6-hidroxi-6-metoxi-8-oxo-7-propilnon-4-en-2-inoico).



Acetato de terc-butilo o etanoato de 1,1-dimetiletilo.



N-etil-N-metilpropilamina.

3 Formula los siguientes compuestos orgánicos:

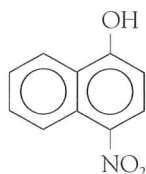
a) 2-pentinodinitrilo (*pent-2-inodinitrilo*).



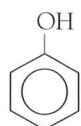
b) 2-nitronaftaleno.



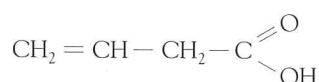
c) 4-nitro-1-naftol (*4-nitronaft-1-ol*).



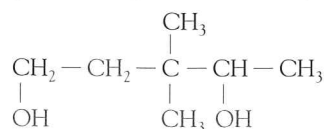
d) Fenol.



e) Ácido 3-butenico (*ácido but-3-enoico*).



f) 3,3-dimetil-1,4-pentanodiol
(*3,3-dimetilpentano-1,4-diol*).



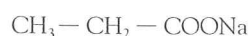
g) 2,4-heptadien-6-in-1-ol (*hepta-2,4-dien-6-in-1-ol*).



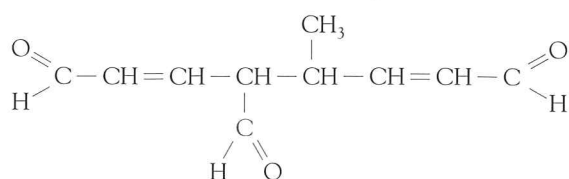
h) Ácido 2,4-hexadienoico (*ácido hexa-2,4-dienoico*).



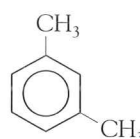
i) Propanoato de sodio.



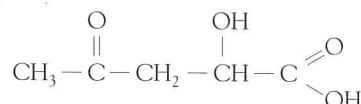
j) 4-formil-5-metil-2,6-octadienodial
(*4-formil-5-metilocta-2,6-dienodial*).



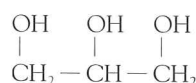
k) m-xileno.



l) Ácido 2-hidroxi-4-oxopentanoico.



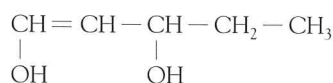
m) 1,2,3-propanotriol (*propano-1,2,3-triol*).



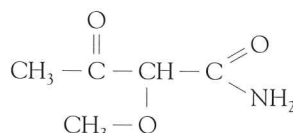
n) p-xileno.



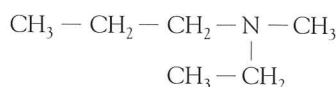
ñ) 1-penten-1,3-diol (*pent-1-en-1,3-diol*).



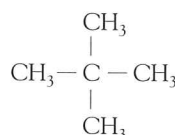
o) 2-metoxi-3-oxobutanamida.



p) N-etil-N-metilpropilamina.



q) Neopentano.



r) 3-metiloctano.

