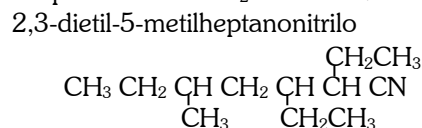
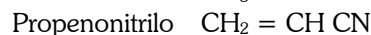
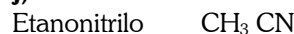
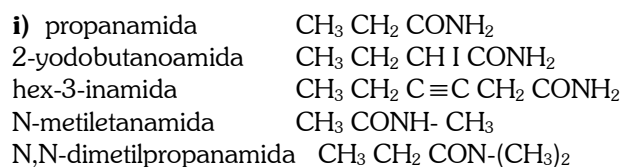
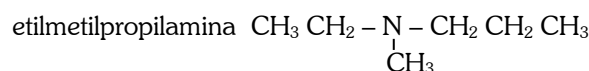
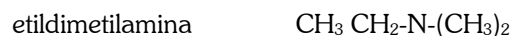
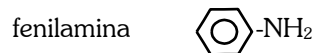
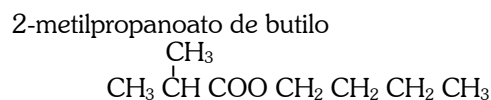
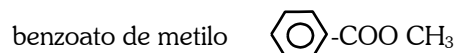
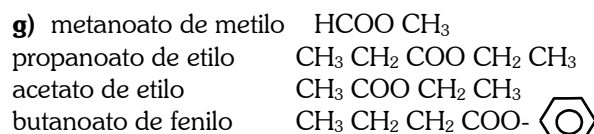
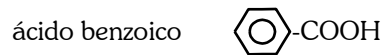
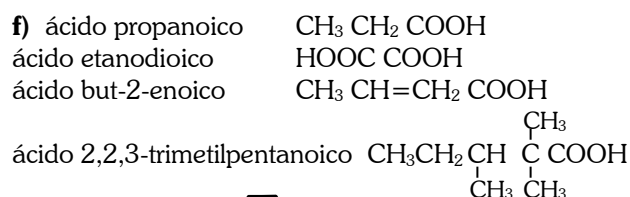
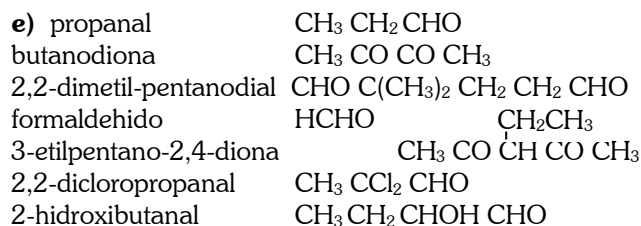
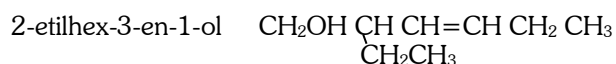
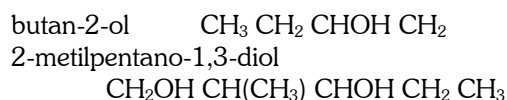
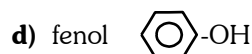
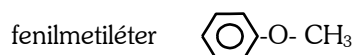
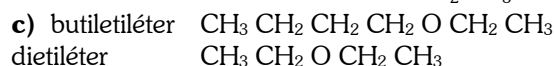
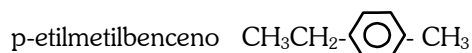
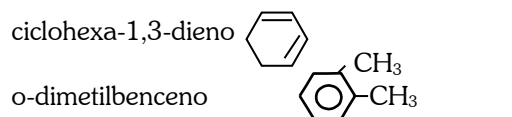
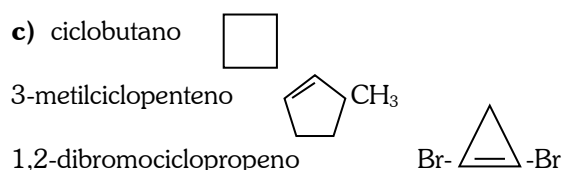
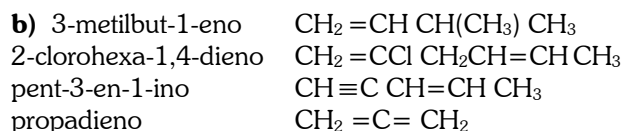
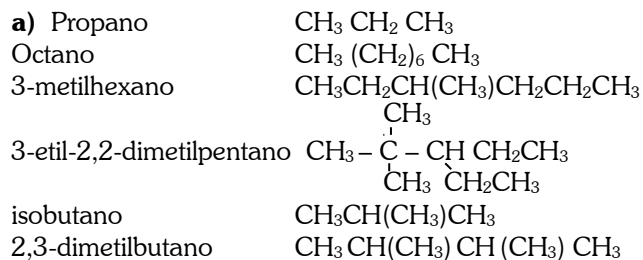


Ejercicios de formulación orgánica. Relación 1. Solución

1.



k)

$\text{CH}_3 (\text{CH}_2)_6 \text{CH}_3$	octano
$\text{CH}_3 (\text{CH}_2)_{10} \text{CH}_3$	dodecano
$\text{CH}_2=\text{CH}-\text{CH}_2-\text{CH}=\text{CH}-\text{CH}_3$	hexa-1,4-dieno
$\text{CH}_2=\text{CH}-\text{C}\equiv\text{C}-\text{CH}-\text{CH}_3$	hex-1-en-3-ino
$\text{CH}_2=\text{CH}-\text{C}(\text{Cl})_2-\text{CH}=\text{CH}-\text{CH}_3$	3,3-diclorohexa-1,4-dieno

l)

$\text{CH}_3-\text{O}-\text{CH}_2-\text{CH}_3$	etilmetiléter
$\text{CH}_3-\text{CHOH}-\text{CH}_3$	propan-2-ol
$\text{CH}_3-\text{CH}_2-\text{CHOH}-\text{CHOH}$	butano-1,2-diol
$\text{CH}_3-\text{CH}_2-\text{O}-\text{CH}_3$	etilmetiléter

m)

$\text{H}-\text{CHO}$	metanal (formaldehído)
$\text{CHO}-\text{CHO}$	etanodial
$\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CO}-\text{CH}_3$	pentan-2-ona
CH_3-COOH	ácido etanoico (ácido acético)
CH_3-CHO	etanal

n)

$\text{CH}_3-\text{COO}-\text{CH}_3$	etanoato de metilo
$\text{CH}_3-\text{CH}(\text{Br})-\text{COO}-\text{CH}_2-\text{CH}_2-\text{CH}_3$	2-bromopropoato de propilo
$\text{COOH}-\text{CH}=\text{CH}-\text{COOH}$	ácido butenodioico
$\text{HCOO}-\text{CH}_3$	metanoato de metilo

o)

$\text{CH}_3-\text{NH}-\text{CH}_2-\text{CH}_3$	etilmetilamina
$\text{CH}_3-\text{CH}_2-\text{NH}_2$	etilamina
$\text{CH}_3-\text{CONH}_2$	etanamida
$\text{CH}_3-\text{CONH}-\text{CH}_2-\text{CH}_3$	N-etiletanamida
$\text{CH}_3-\text{CH}_2-\text{CN}$	propanonitrilo
$\text{CN}-\text{CH}_2-\text{CH}(\text{I})-\text{CN}$	yodobutanodinitrilo

p) De izquierda a derecha:

3-metilciclopenteno
 metilciclopentano
 p-dimetilbenceno
 fenilamina (anilina)
 m-metilnilina ((m-metilfenil)amina)

2.

- 3-etil-2,2,5-trimetilheptano
- 3,4-dimetilhex-2-eno
- 3-metilhepta-1,3-dien-5-ino
- isopropilciclopropano (ciclopropilpropano)
- 1-metilciclobuteno
- m-etilmetilbenceno (m-etiltolueno)
- 2-bromo-5-fenil-2-metilhex-3-eno
- 3,3-diclorobut-1-ino
- 2-fenilpropan-1-ol
- 2,5-dimetilfenol
- etil isopropil éter
- fenil vinil éter (etenil fenil éter)
- 2-cloro-3-fenilbutanal
- 4,4-dimetil-2-pentanona
- ácido 2-hexenodioico
- propanoato de etilo
- etildimetilamina
- fenilmetilamina
- N-metilpropanamida
- propano-1,2,3-triol (glicerina)
- propanamida

3.

- 3,5-dietil-2,2,4,7-tetrametildecano
- hept-3-en-1,6-diino
- 1-etilciclohexa-1,3-dieno
- p-bromometilbenceno
- 3,4-dicloropent-1-eno
- hexa-1,4-dien-2-ol
- dipropil éter
- 3-metilbut-2-enal
- ácido butanodioico
- ácido hexa-2,5-dienoico
- etanoato de isopropilo
- difenilamina
- dimetilvinilamina