

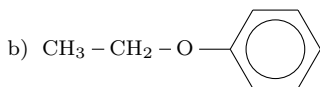
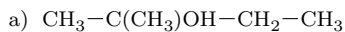
Química orgánica

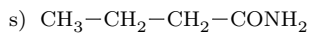
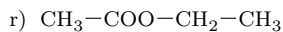
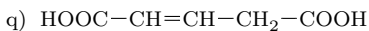
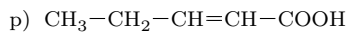
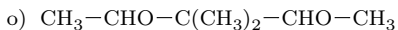
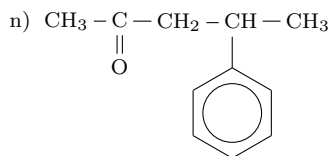
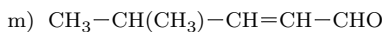
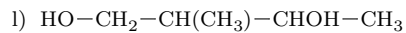
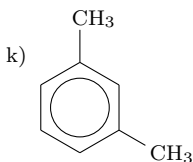
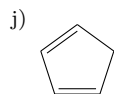
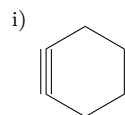
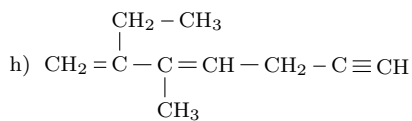
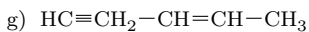
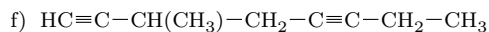
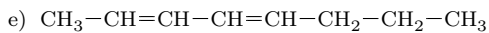
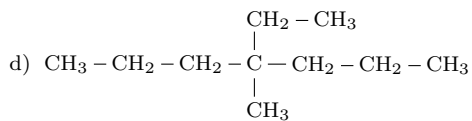
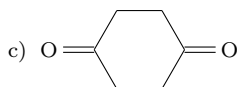
Química orgánica

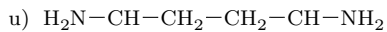
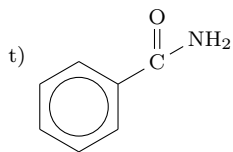
1 | Formula los siguientes compuestos:
OXF15

- a) 2-metilbutan-2-ol
- b) Etilfeniléter
- c) Ciclohexano-1,4-diona
- d) 4-etil-4-metilheptano
- e) Octa-2,4-dieno
- f) 3-etilocta-7,5-diino
- g) Pent-3-en-1-ino
- h) 2-etil-3-metilhepta-1,3-dien-6-ino
- i) Ciclohexino
- j) Ciclopenta-1,3-dieno
- k) m-dimetilbenceno
- l) 2-metilbutano-1,3-diol
- m) 3-metilpent-2-enal
- n) 4-fenilpentan-2-ona
- o) 3,3-dimetilpentanodiona
- p) Ácido pent-2-enoico
- q) Ácido pent-2-enodioico
- r) Acetato de etilo (etanoato de etilo)
- s) Butanamida
- t) Benzamida
- u) Butano-1,4-diamina

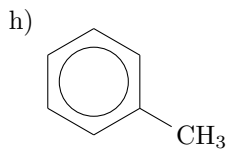
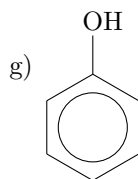
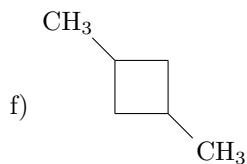
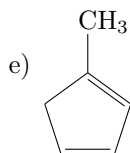
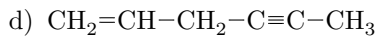
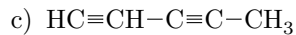
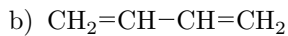
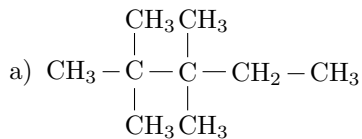
Solución:



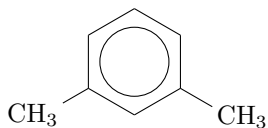




2 | Nombra los siguientes compuestos:
OXF15



i)

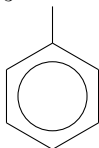


j) $\text{CHO}-\text{C}\equiv\text{C}-\text{CH}_2-\text{CHO}$

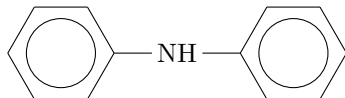
k) $\text{CH}_3-\text{CH}=\text{CH}-\text{CH}(\text{CH}_3)-\text{COOH}$

l) $\text{CH}_3-\text{CH}_2-\text{COO}-\text{CH}_3$

m) $\text{CH}_3-\text{CH}-\text{COOH}$



n)



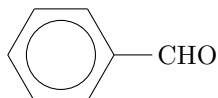
o) $\text{CH}_3-\text{CO}-\text{NH}-\text{CH}_3$

p) $\text{CH}_3-\text{CH}_2-\text{CO}-\text{NH}_2$

q) $\text{CH}_3-\text{CH}_2-\text{CH}=\text{CH}-\text{CO}-\text{NH}_2$

r)
$$\begin{array}{ccccccc} & & \text{OH} & & \text{OH} & & \\ & & | & & | & & \\ \text{CH}_3 & - & \text{C} & - & \text{C} & - & \text{CH}_3 \\ & & | & & | & & \\ & & \text{CH}_3 & & \text{CH}_3 & & \end{array}$$

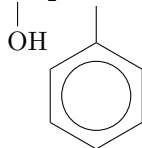
s)



t) $\text{CH}_3-\text{CO}-\text{CH}_2-\text{CH}_3$

u) $\text{CH}_3-\text{CH}_2-\text{CHCl}-\text{COOH}$

v) $\text{CH}_2-\text{CH}-\text{CH}_3$



Solución:

- a) 2,2,3,3-tetrametilpentano
- b) But-1,3-dieno
- c) Pent-1,3-diino
- d) Hexa-1-en-4-ino
- e) 1-metilciclopenta-1,3-dieno
- f) 1,3-metilciclobutano
- g) Bencenol (fenol)
- h) Metilbenceno (tolueno)
- i) 1,3-dimetilbenceno (m-metiltolueno)
- j) Pent-2-inodial
- k) Ácido 2-metilpent-3-enoico
- l) Propanoato de metilo
- m) Ácido 2-fenilpropanoico
- n) Difenilamina
- o) N-metiletanamida
- p) Propanamida
- q) Pent-2-enamida
- r) 2,3-dimetilbutan-2,3-diol
- s) Benzaldehído (bencenal, fenilmetanal)
- t) Butan-2-ona
- u) Ácido 2-clorobutanoico
- v) 2-fenilpropan-1-ol