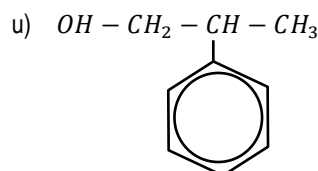
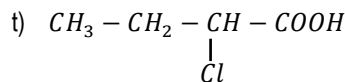
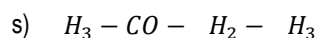
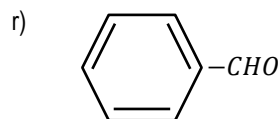
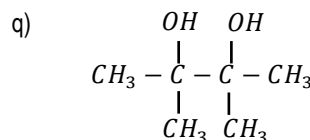
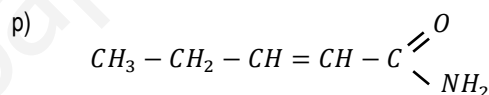
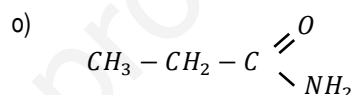
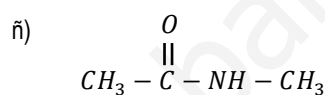
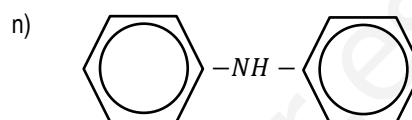
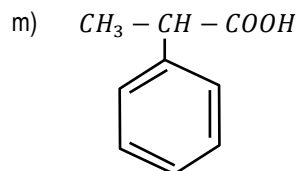
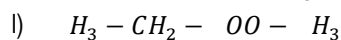
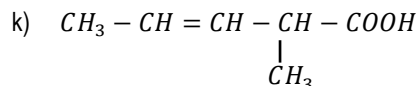
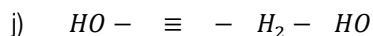
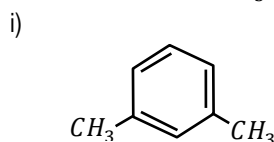
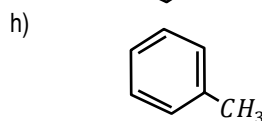
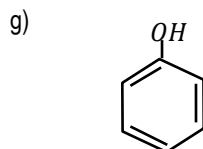
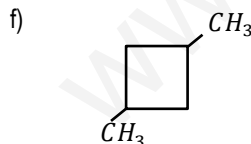
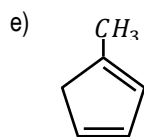
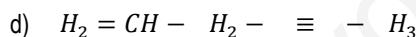
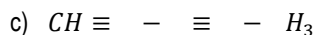
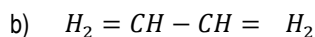
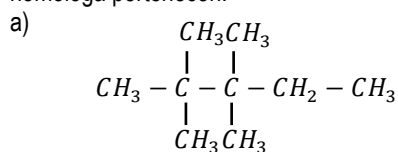


QUÍMICA ORGÁNICA

1. Formula los siguientes compuestos e indica a qué serie homóloga pertenecen:

- 2-metilbutan-2-ol
- Etilfeniléter
- Ciclohexano-1,4,-diona
- 4-etil-4-metilheptano
- Octa-2,4-dieno
- 3-etilocta-1,5-diino
- Pent-3-en-1-ino
- 2-etil-3-metilhepta-1,3-dien-6-ino
- Ciclohexino
- Ciclopenta-1,3-dieno
- M-dimetilbenceno
- 2-metilbutano-1,3-diol
- 3-metilpent-2-enal
- 4-fenilpentan-2-ona
- 3,3-dimetilpentanodiona
- Ácido pent-2-enoico
- Ácido pent-2-enodioico
- Acetato de etilo
- Butanamida
- Benzamida
- Butano-1,4-diamina

2. Nombra los siguientes compuestos e indica a qué serie homóloga pertenecen:

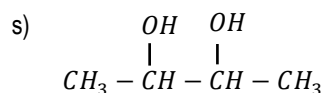
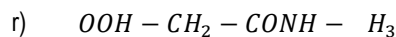
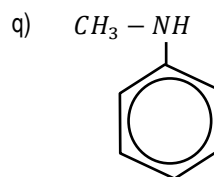
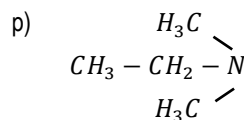
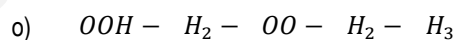
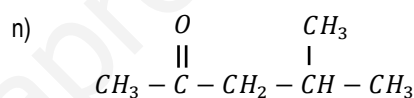
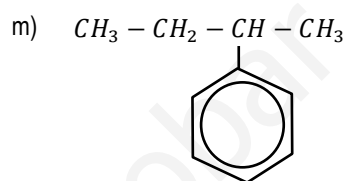
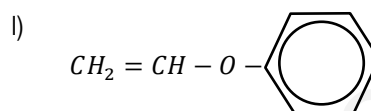
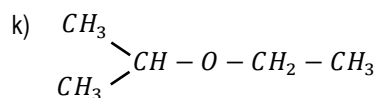
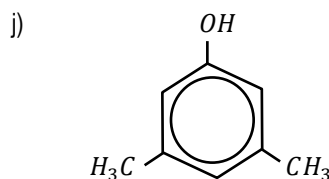
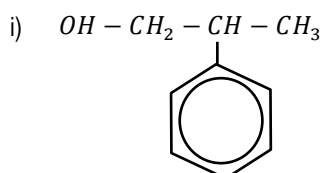
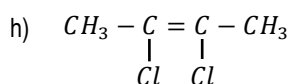
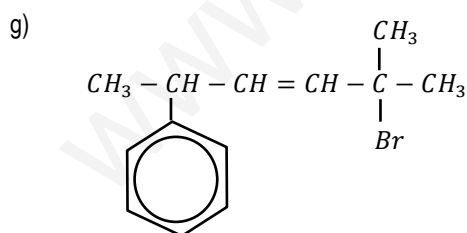
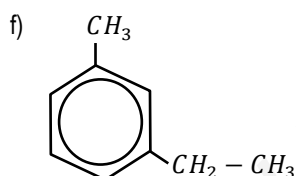
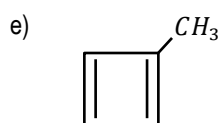
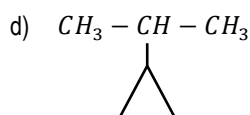
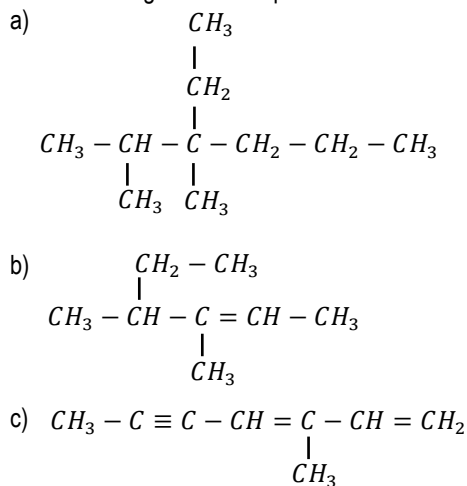


3. Formula los siguientes compuestos:

- 3-etil-2,5-dimetilheptano
- Hep-3-en-1,6-diino
- 1-etilciclohexa-1,3-dieno
- o-bromofenol
- 3,4-dicloropent-1-eno
- Hexa-1,4-dien-2-ol
- 2,3-dimetilbutanodial
- 3-metilbut-2-enal

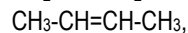
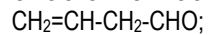
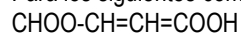
- i) Ácido 3-bromobutanoico
- j) Ácido hexa-2,5-dienoico
- k) Acetato de isopropilo
- l) Fenilmetilamina
- m) N-metilpropenoamida

4. Nombra los siguientes compuestos:



5. Escribe la fórmula semidesarrollada y el nombre IUPAC de todos los isómeros de fórmula $\text{C}_4\text{H}_{10}\text{O}$.

6. Para los siguientes compuestos:



a) Escribe sus fórmulas desarrolladas y nómbralos.

b) Indica si presentan o no isomería geométrica y, en caso afirmativo, nombra sus isómeros.