

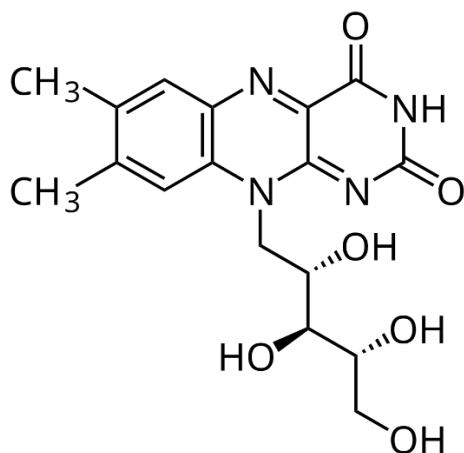


Discente: _____

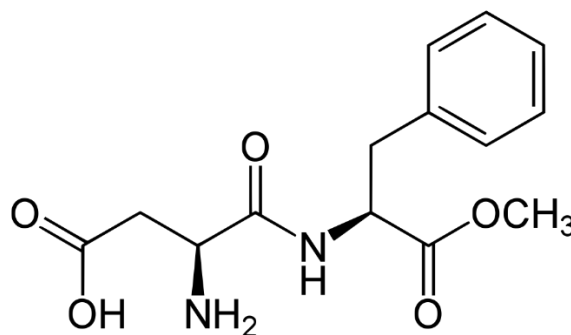
Lista de Grupos Funcionais - Química orgânica

1. Circule e identifique todos os grupos funcionais nos compostos abaixo.

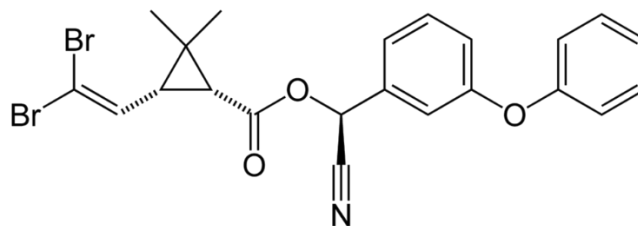
a) Vitamina B₂ (Riboflavina)



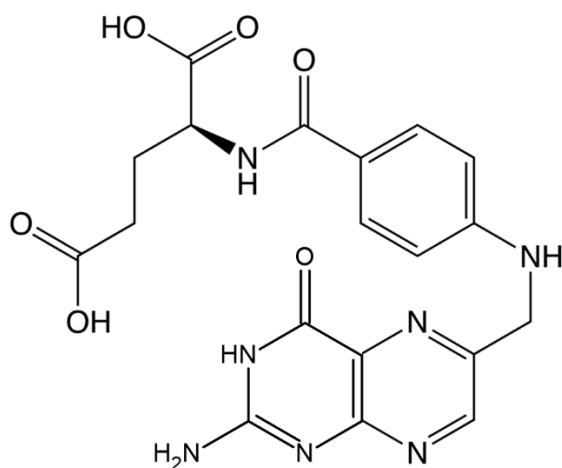
c) Aspartame (aditivo alimentar)



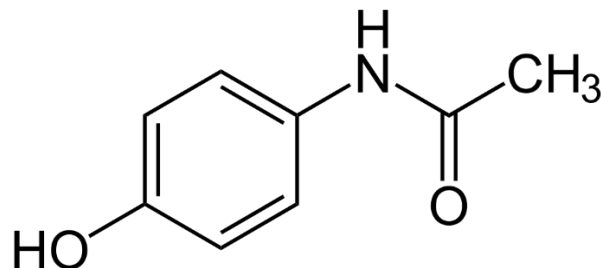
d) Deltametrina (inseticida)



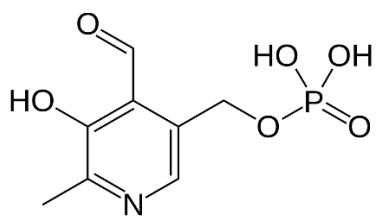
b) Ácido Fólico



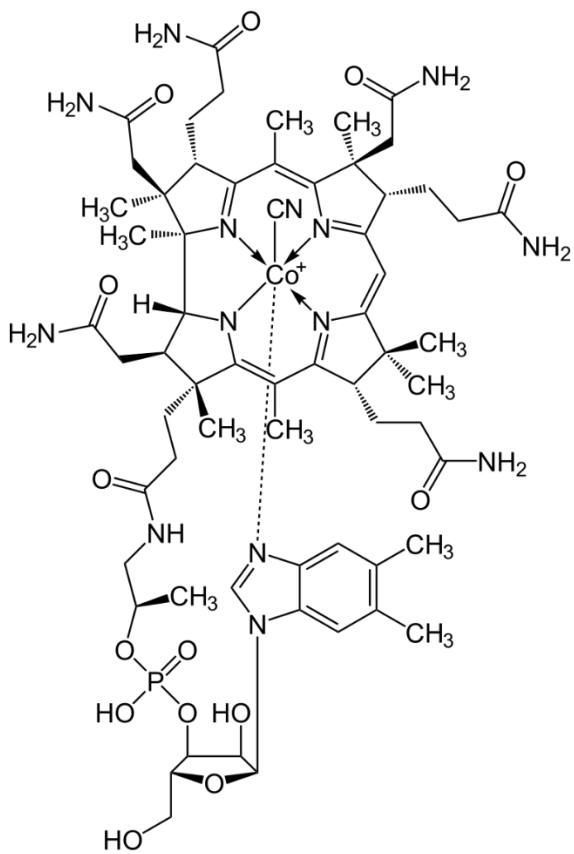
e) Paracetamol (analgésico)



f) Piridoxal fosfato (forma ativa da vitamina B₆)

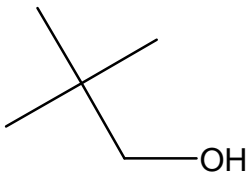


g) Vitamina B₁₂

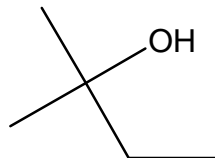


2. Classifique os seguintes álcoois como primário, secundário ou terciário.

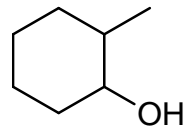
a)



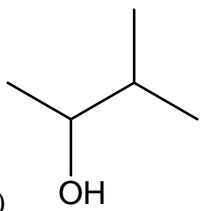
c)



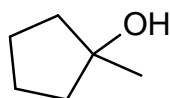
e)



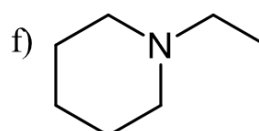
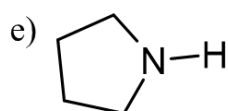
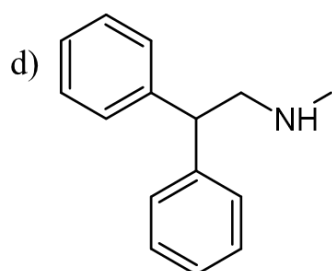
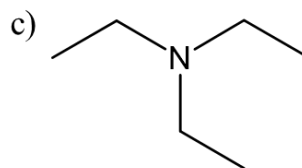
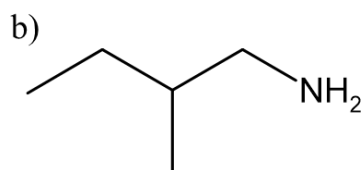
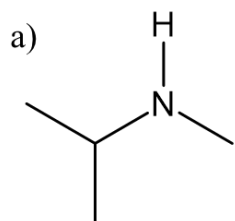
b)



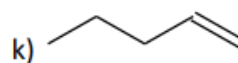
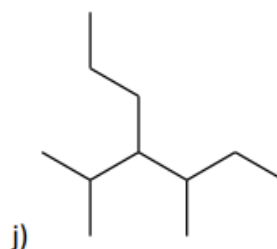
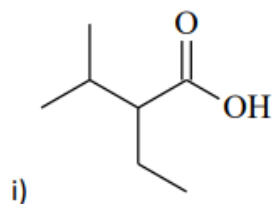
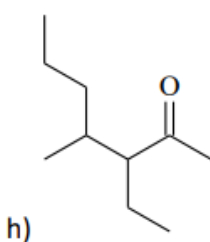
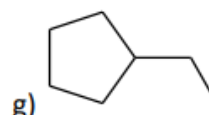
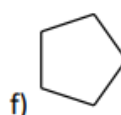
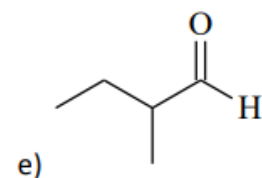
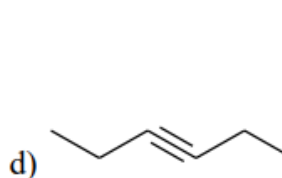
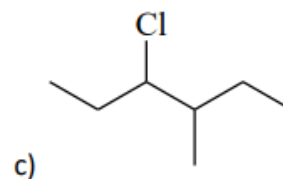
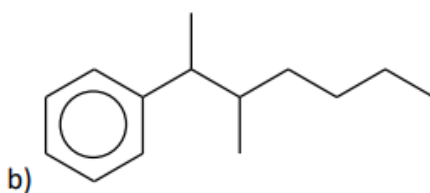
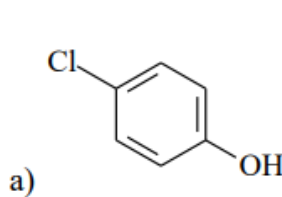
d)

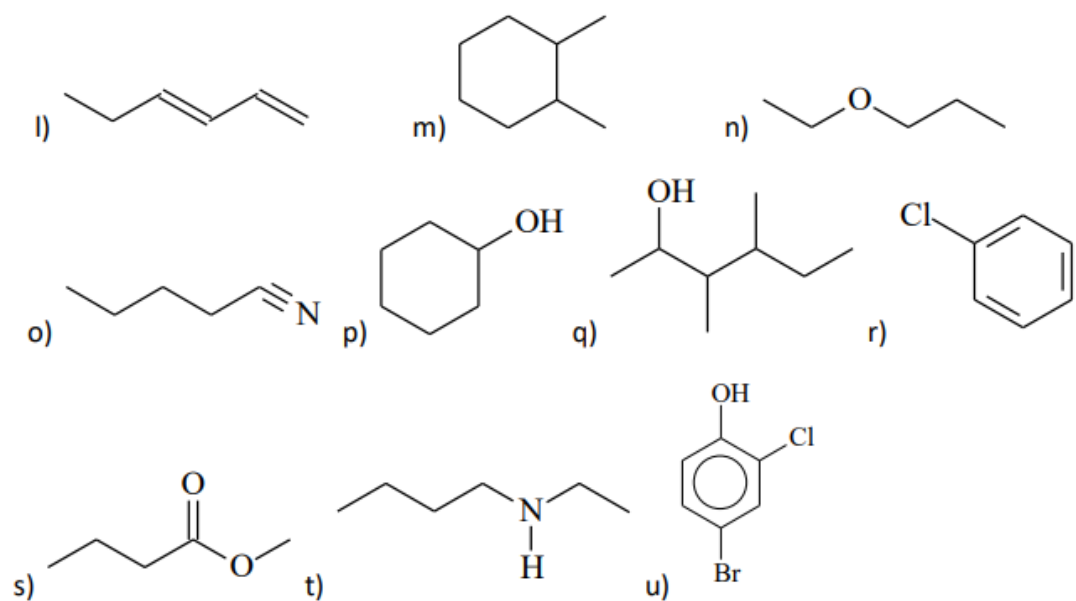


3. Classifique as seguintes aminas como primária, secundária ou terciária.



4. Determine a nomenclatura dos seguintes compostos abaixo.





5. A partir das nomenclaturas represente as estruturais dos itens abaixo.

- 1-metil-3-propil-ciclopentano
- 5-isopropil-2-metil-octano
- 3,3,6-trietil-7-metil-decano
- 5,5-dimetil-2-hexeno
- 3-etil-7-fenil-2,2-dimetil-4-octino
- 3-neopentil-estireno
- 4-sec-butil-2-cloro-nonano
- 1-bromo-6-cloro-4-isopropil-2-hexino
- 6-bromo-4-etil-2-heptanol
- 1-terc-butóxi-2-butanol
- 4-cloro-3,4-dimetil-2-pentanona
- Ácido 3,5-dimetilexanóico
- Propanamida
- 4-metil-pentanonitrila
- N*-etil-*N*-metilbutanamida
- Etanoato de etila
- O-terc-butil-anisol

6. Classifique (todos) os carbonos da estrutura abaixo como primário, secundário, terciário ou quartenário.

