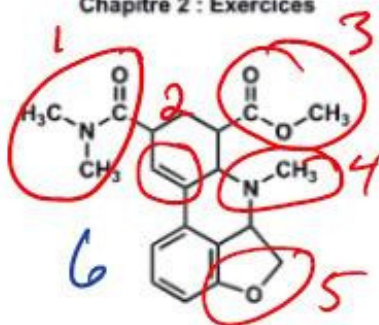


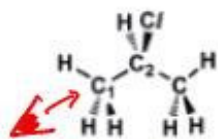
Chapitre 2 : Exercices

1. Encercliez et nommez les groupements fonctionnels présents dans cette molécule.

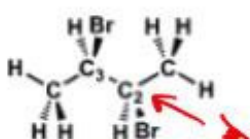
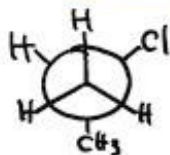


- 1 amide
- 2 alcène
- 3 ester
- 4 amine
- 5 éther-cycle
- 6 arène

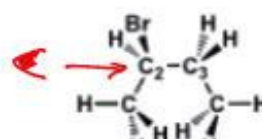
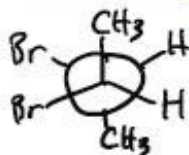
2. Dessinez les projections de Newman des conformères suivants.



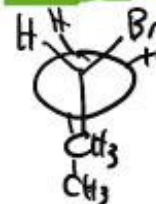
Entre C<sub>1</sub> et C<sub>2</sub>



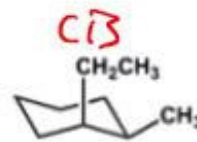
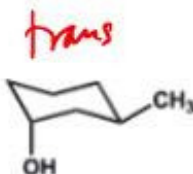
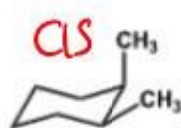
Entre C<sub>2</sub> et C<sub>3</sub>



Entre C<sub>2</sub> et C<sub>3</sub>



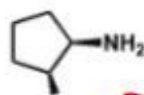
3. Dites si les cycloalcanes suivants sont *cis* ou *trans*.



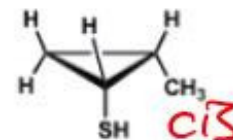
*trans*



*cis*

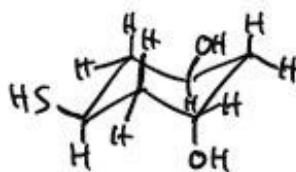
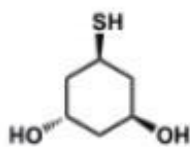


*cis*



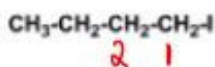
*cis*

4. Dessinez le cyclohexane suivant dans sa conformation la plus stable.



automatiquement, il faut montrer la chaise.

5. Représentez tous les conformères différents du 1-iodobutane en projection de Newman (entre C<sub>1</sub>-C<sub>2</sub>).



En premier il faut dessiner le lien C<sub>1</sub>-C<sub>2</sub> en 3D

