

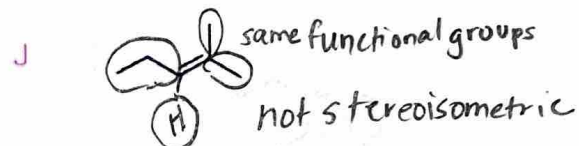
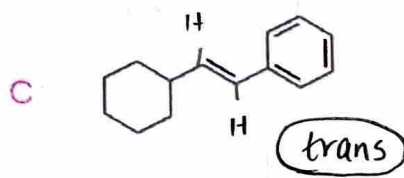
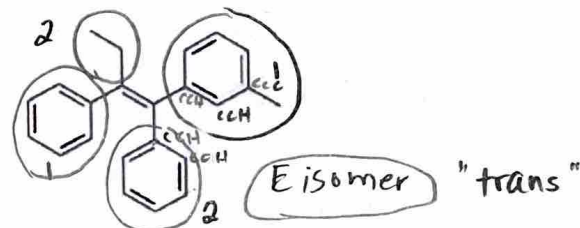
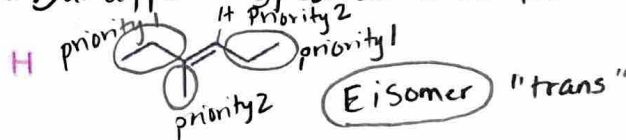
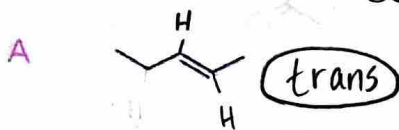
Configurational Isomers

Practice with Stereoisomers

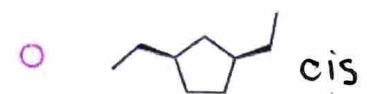
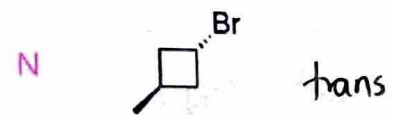
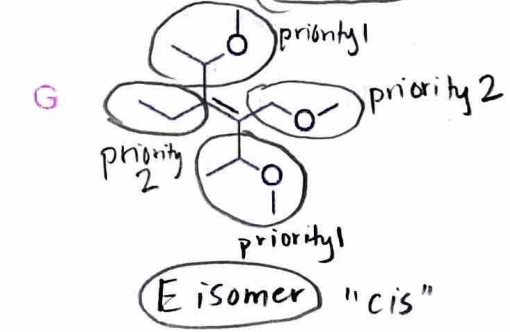
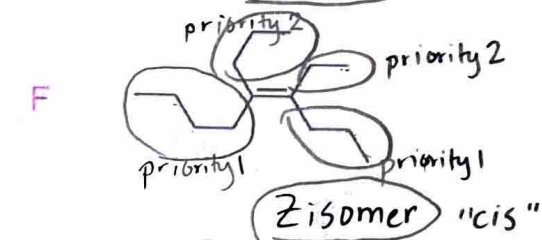
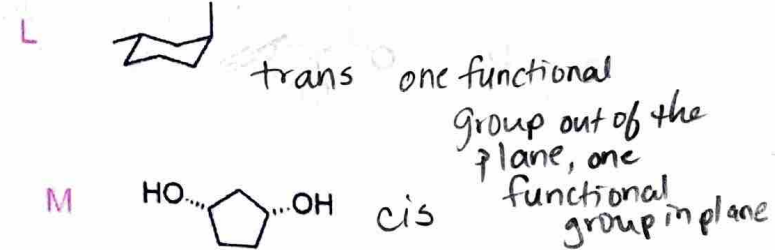
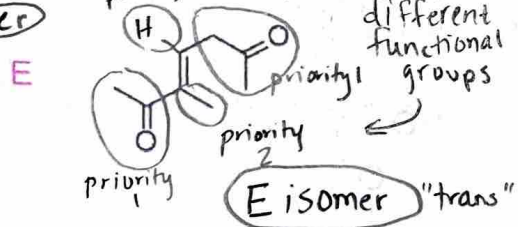
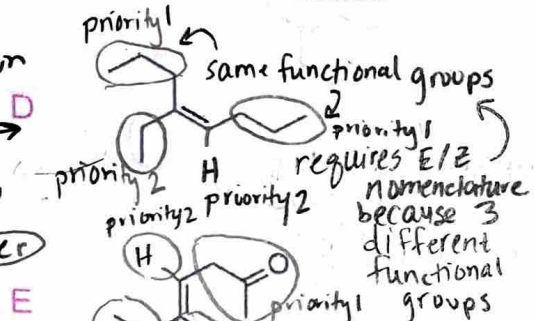
Name Answer key

1. Determine whether each of the following alkenes is **cis, trans** or not stereoisomeric: → same atoms but differ in **spacial orientation**

these are diastereomers (non-super-imposable AND NOT mirror images)



cis/trans ambiguous in this case → technically, this is **Z isomer "cis"**



2. Determine if each of the following alkenes has an *E* or *Z* configuration:

