

## ISOMER PROBLEMS

Draw and name all isomers in each case. The answers are posted in the glass case outside of the small Chemistry Lab (E110) and are also available at the library issue desk on 2 hour loan.

1. Isomers of  $C_7H_{16}$ .
2. Isomers of trimethylcyclopentane.
3. All ALKENES with the formula  $C_6H_{12}$ .
4. All ALKYNES with the formula  $C_6H_{10}$ .
5. All of the MONOCHLORO isomers (excluding optical isomers) produced from the reaction of methylcyclohexane with  $Cl_2$  in the presence of UV light.
6. All the isomers of DIMETHYLCYCLOHEXENE (excluding optical isomers).