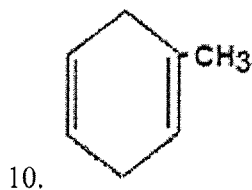
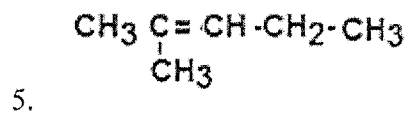
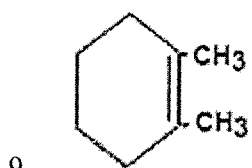
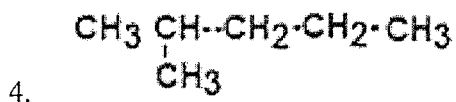
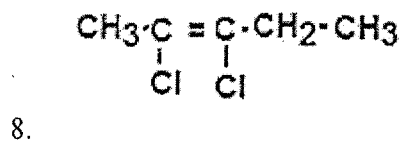
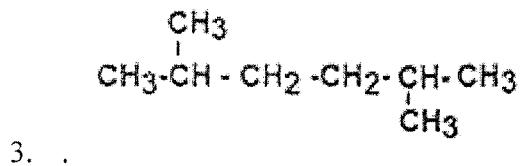
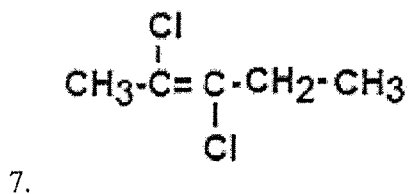
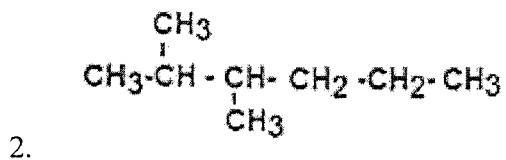
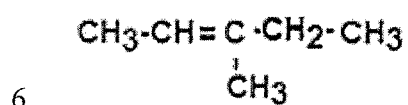
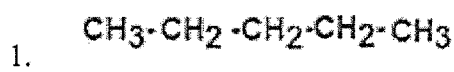


MIXED ORGANIC NOMENCLATURE/FORMULAS PRACTICE

Write the correct IUPAC name for each molecule below the structural formula shown.



*Draw condensed structural formulas for the following hydrocarbons*

1. 2, 3-dimethylpentane

7. cis-2, 3-dichlorobut-2-ene

2. 2, 4-dimethylhexane

8. 1, 1, 2-trichloroethane

3. cyclohexene

9. 1,2-dimethylcyclohexane

4. 2, 2-dimethylpropane

10. 1, 4-dichlorobenzene

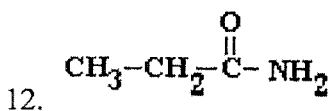
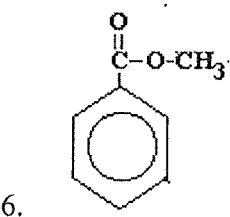
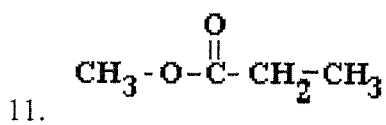
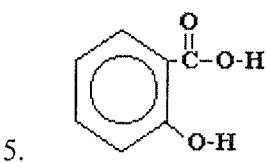
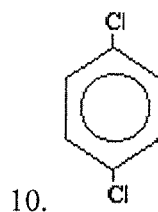
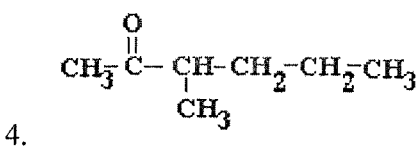
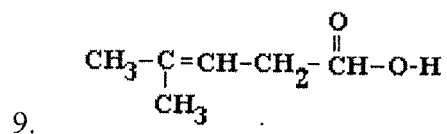
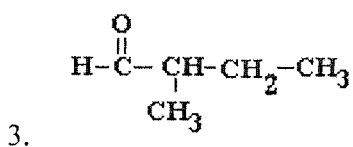
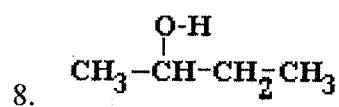
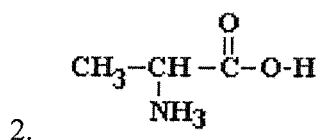
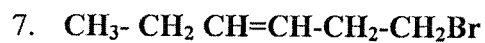
5. 2, 4-dimethylhex-1-ene

11. 1-chlorobut-2-yne

6. 2, 4, 6-trinitromethylbenzene

12. cyclohexa-1,3-diene

Write the correct IUPAC name for each molecule below the structural formula shown.



Draw condensed structural formulas for the following hydrocarbons

1. pentane-1,3,5-triol

8. 2-hydroxybenzoic acid

2. hexane-1,6-diamine

9. propanamide

3. ethane-1,2-diol

10. butan-1-ol

4. 3-methylpentanal

11. 2-methylpropan-2-ol

5. 1-chloropentan-2-one

12. 2-methylpropan-1-ol

6. methylpropanoate

13. 3-methylpentan-2-ol

7. 3-aminobutanoic acid

14. phenylpropanoate