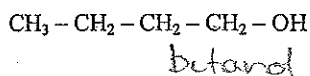


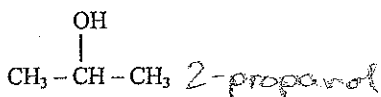
Alcohols and Ethers Worksheet

1. Assign IUPAC names to the following alcohols.

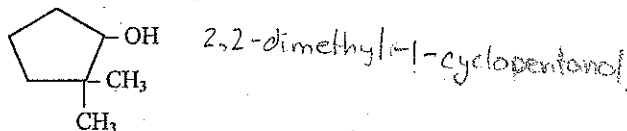
a.



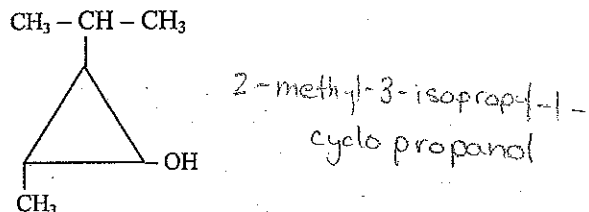
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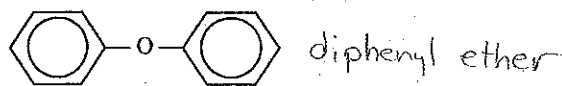
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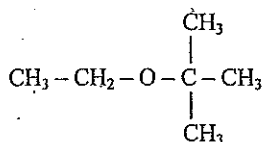
g.



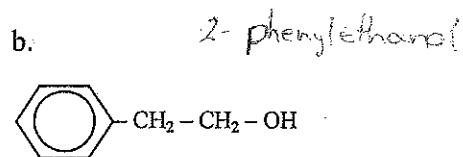
i.



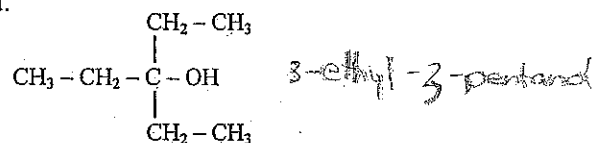
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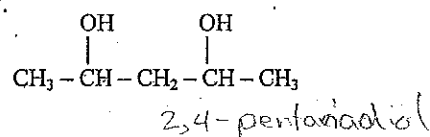
b.



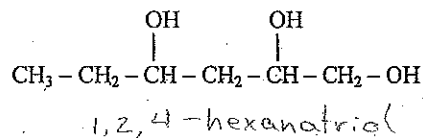
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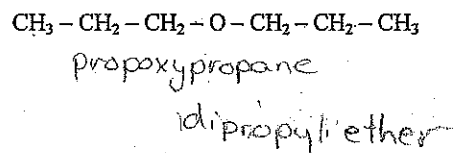
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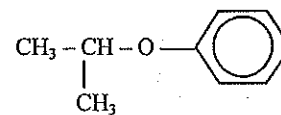
h.



j.



l.



isopropyl phenyl ether

2. Draw a condensed structural formula for each of the following compounds:

- 2-methyl-1-butanol
- 1-methylcyclopentanol
- isopropylcyclohexanol
- 2,3-hexanediol
- ethyl butyl ether
- methyl phenyl ether
- diisopropyl ether
- 3-ethoxyhexane
- 1,2-dimethoxycyclobutane

3. Give an IUPAC name and draw structural formulas for the six isomers of the molecular formula $C_5H_{12}O$.

