**ANSWERS: Structural formula (aka displayed, expanded structural formula)**

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| ethanol | methylpropanoic acid | 3-methylbutanoic acid  |
| 2,2-difluorobutane | iodoethane | butan-2-amine |
| 2-hydroxypropanoic acid | propan-2-amine | 2,3-dimethylbutane |
| 3-methylpentanoic acidcarboxylic acid | propan-1-amineamine | 2-chlorobutanoic acid**carboxylic acid** |

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| pentanoic acid**carboxylic acid** | **but-1-yne**http://www.chemeddl.org/resources/models360/files/7846/but-1-yne-lewis2.pngalkyne | 2,2-dichloropentan-1-olClhttp://upload.wikimedia.org/wikipedia/commons/thumb/a/a0/Pentan-1-ol.png/1024px-Pentan-1-ol.pngClalcohol |
| **ethanoic acid****carboxylic acid** | **2-aminopentane****amine** | 3-methylbut-1-ene **alkene** |
| **1-aminopropane**CH3–CH2–CH2–NH2amine | **butan-1,3-diol****90309assQ1a1****alcohol** | **3-methylbut-1-yne****90309q1a3ass****alkyne** |
| **methanol**CH3–OHalcohol | **2-chloropent-2-ene****90309assQ1a2****alkene** | **2-chlorobutan-2-ol****90309q1a4ass****alcohol** |

|  |  |  |
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| **3-chlorobutan-1-ol****alcohol** | C4H8O2 butanoic acidcarboxylic acid | 2-chloro-3-methylbutanoic acid**carboxylic acid** |
| A branched-chain secondary alcohol C5H11OH 3-methylbutan-2-olalcohol | A branched-chain tertiary alcohol C5H11OH 2-methylbutan-2-olalcohol | 2-amino-3-methylbutane2009.jpgamine |
| 4-chlorobutanoic acidcarboxylic acid | pentan-2-ol90309q1aalcohol | 4-methylpent-2-yne4-methyl.jpgalkyne |
| 3-aminopentaneamine | 2-chloropropan-1-olalcohol | 2-amino-2,3-dimethylbutaneamine |
| pent–2–enealkene | 3-chloropropan-1-ol alcohol | 2–bromo–3–methylbutanoic acidcarboxylic acid |
| 4–methylpent–2–enealkene | butanoic acidhttp://upload.wikimedia.org/wikipedia/commons/c/c8/Butyric_acid_flat_structure.pngcarboxylic acid | 2,4-dichlorobut1enealkene |

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Numbering of the chain starts from the end that carries the main functional group, the double bond. Once counted from this end, the number of the double bond and chlorine change.

2-chloro-3-methylpent-1-ene

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