**ANSWERS: Additional questions on Level 3 Structural formula**

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| **3-aminobutan-1-ol**    **alcohol** | 5-bromo-2-methyl-pentanoyl chloride    acyl chloride | | **4-methylhept-3-one**    **ketone** | |
| N-methylpropanamide    **amide** | **4-methylpentan-2-ol**    **alcohol** | | 4-hydroxy-pent-2-ene    **alkene** | |
| **4-methylpent-2-ene**    **alkene** | | **2-hydroxy-4-methylpentanal**    aldehyde | | **N-ethyl-N-methylethanamine**  https://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcTh5Qu6yyY8OK3ngbPe4DSLmSCSFJdCYjkNVaqevqksn7dU8Tqx  **amine** |

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| **methyl propanoate**  http://www.gcsescience.com/methyl-propanoate.gifester | 3-aminobutanoic acid    **amine** | **3-methylbut-1-ene**    **alkene** |
| **but-2-ene-1,4-dioic acid**   |  |  | | --- | --- | | **this is the *cis* form**  **http://www.docbrown.info/page15/exene12.gif** | **this is the *trans* form**  **http://www.docbrown.info/page15/exene11.gif** |   **carboxylic acid** | ammonium propanoate    ester salt | **hex-1-ene-3-one**    **ketone** |

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