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

|  |  |  |
| --- | --- | --- |
| **hexane**  **http://upload.wikimedia.org/wikipedia/commons/d/d3/Hexane-2D-B.png**  **alkane**  (all single bonds) | ***cis* pent-2-ene**    **alkene** | ***trans* pent-2-ene**  **http://t2.gstatic.com/images?q=tbn:ANd9GcRI1D0oCcESKD0mpqcZoupLng-dzCd_K4JbUw5Jp_ABBDs19XTQdiQTvNuj**  **alkene** |
| **1,1,2,2-tetrafluoroethene**  **http://upload.wikimedia.org/wikipedia/commons/3/34/Tetrafluoroethylene2.png**  **alkene** | **polybutene**  **A picture containing object  Description automatically generated**  **polymer** | **4-methylpentan-1-ol**    **alcohol** |
| **methylamine**  **http://upload.wikimedia.org/wikipedia/commons/3/34/Methylamine.png**  **amine** | **4-methylhexanoic acid**  **A close up of a clock  Description automatically generated**  **carboxylic acid** | **2,2,3,3-tetramethylbutane**  **http://upload.wikimedia.org/wikipedia/commons/a/ac/Tetramethylbutane.png**  **alkane**  (all single bonds) |

|  |  |  |
| --- | --- | --- |
| **2,2-dimethylbutan-1-ol**    **alcohol** | **pentan-3-ol**  **http://t0.gstatic.com/images?q=tbn:ANd9GcQTmvJgtW1zgGAANmPvMDt9zAMNP_5bK3xOO_nwR0BFXfPtHCJMFHCNWIgDcw**  alcohol | **ethylpropylamine**  **(also known as N-ethylpropylamine)**    amine |
| ***cis* 1,2-dichloropropene**  1.jpg  alkene | ***trans* 1,2-dichloropropene**    alkene | **2-chloro-3-methylbutan-1-ol**    alcohol |
| **dimethylamine**  **http://0.tqn.com/d/chemistry/1/0/a/F/1/dimethylamine.jpg**  amine | **1-bromo-4-ethylhexane**    alkane  (all single bonds) | **propan-1,2,3-triol**  alcohol |
| **4-amino-2-methylbutanoic acid**    carboxylic acid | **3-ethyl-2,4-dimethylpentane**    alkane (all single bonds) | ***cis* 1,2-dibromopropene**    alkene |

<https://www.chemical-minds.com>