

Organic Chemistry Assignment 2

1. Write the structural formula for each of the following compounds:

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| a) 1,2-butadiene | /2 |
| b) 2-methyl 2-propanol | /2 |
| c) ethanoic acid | /1 |
| d) 2,3,4-trimethyl hexane | /2 |
| e) trans-2,3-dimethyl but-2-ene | /3 |
| f) chloro cyclopropane | /2 |
| g) ethyne | /1 |
| h) 1-ethyl 2-fluoro benzene | /3 |
| i) propanal | /1 |
| j) cyclohexa-1,3,5-triene | /3 |

2. Write the names and structural formulae for all three isomers of C_5H_{12} /6

3. Write the systematic name for each of the following compounds:



