

## Aldehyde and Ketone Worksheet

1. Draw the structural diagrams for each of the following compounds:

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| <ul style="list-style-type: none"> <li>a. methanal</li> <li>b. 3 – methyl – 2 – pentanone</li> <li>c. 3 – methylcyclohexanone</li> <li>d. 2,4,6 – trimethylheptanal</li> <li>e. 3 – bromobutanal</li> <li>f. 2,3 – diiodocyclopentanone</li> <li>g. 3 – methyl – 2 – pentanone</li> <li>h. 4 – methyl – 3 – penten – 2 – one</li> <li>i. 2 – pentanone</li> <li>j. 4 methylpentanal</li> <li>k. 2 – butenal</li> <li>l. 3-methylbutanal</li> <li>m. 3-chloropentanal</li> </ul> | <ul style="list-style-type: none"> <li>n. methanal (formaldehyde)</li> <li>o. 2-pentanone</li> <li>p. 3-methyl-2-hexanone</li> <li>q. 3,4-diethylheptanal</li> <li>r. benzaldehyde</li> <li>s. 3,4-dichloorbenzaldehyde</li> <li>t. 2,6-dimethylbenzoldehyde</li> <li>u. 2,3, 4,5-tetrachlorohexanal</li> <li>v. proponone</li> <li>w. 2-heptonone</li> <li>x. 10-fluorodecanal</li> <li>y. 3-methyl-2,5-hexanedione</li> </ul> |
|---|---|

2. Name each of the following compounds

