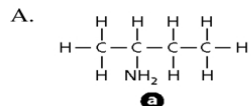


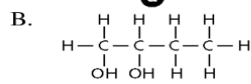
## Chemistry Worksheet: Naming Compounds

### Matching

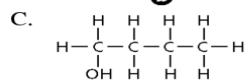
Match each of the lettered structures (a–l) to the following names.



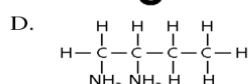
**a**



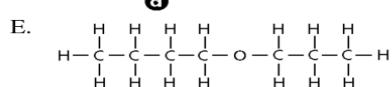
**b**



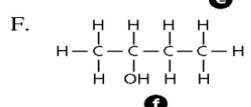
**c**



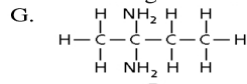
**d**



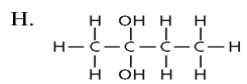
**e**



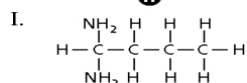
**f**



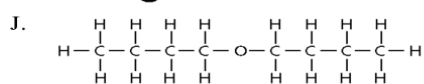
**g**



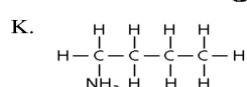
**h**



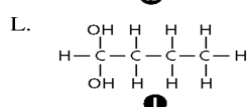
**i**



**j**



**k**



**l**

- |                   |                      |                      |
|-------------------|----------------------|----------------------|
| 1. 1-butanol      | 5. 1,2-butanediol    | 9. 2-butylamine      |
| 2. 2-butanol      | 6. butyl ether       | 10. 1,1-butyldiamine |
| 3. 1,1-butanediol | 7. butylpropyl ether | 11. 2,2-butyldiamine |
| 4. 2,2-butanediol | 8. 1-butylamine      | 12. 1,2-butyldiamine |

### Multiple Choice

13. The correct IUPAC name of the compound 
$$\begin{array}{ccccccc} & & \text{CH}_3 & & & & \\ & & | & & & & \\ \text{CH}_3 & \text{CH} & \text{CH} & \text{CH} & \text{CH}_3 & & \\ & & | & & & & \\ & & \text{CH}_3 & & & & \end{array}$$
 is \_\_\_\_\_.

- A. 3,4-dimethylpentane    B. 2,3-dimethylbutane    C. 2,3-dimethylpentane    D. 2,2,3-dimethylbutane