Chapter 16

REINFORCEMENT

Use with Section 2

• Other Organic Compounds

Match each organic compound in the left column with the appropriate substitution group or groups in the right column.

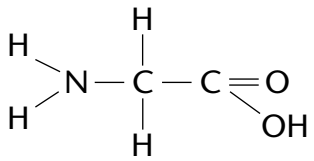
Organic Compound	Substitution Group
1. carboxylic acid _____	hydroxyl group
2. amine _____	carboxyl group
3. alcohol _____	amino group
4. amino acid _____	

Complete the table below by placing an X in the appropriate box of the group of substituted hydrocarbons each compound belongs to.

Compound	Alcohol	Carboxylic Acid	Amine	Amino Acid
5. vinegar (acetic acid)				
6. caffeine				
7. methanol				
8. formic acid				
9. glycine				
10. ethanol				

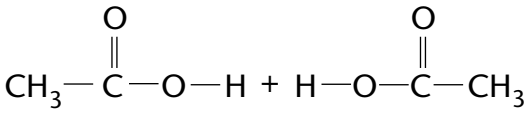
Study the chemical formulas for the different compounds. Circle the substitute group in each compound; then name the type of group in the space provided.

11.



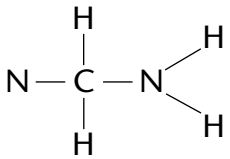
_____

12.



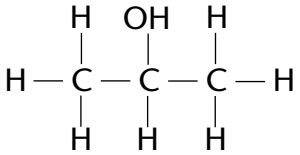
_____

13.



_____

14.



_____

Copyright © Glencoe/McGraw-Hill, a division of The McGraw-Hill Companies, Inc.