

**Compounds**

Name \_\_\_\_\_

How many carbon atoms are in  $C_8H_{18}$ ? \_\_\_\_\_ How many hydrogen atoms? \_\_\_\_\_

Write the chemical formula for a compound with 2 hydrogen atoms and one oxygen atom.

Indicate the number of each type of atom in the following compound.



Ca \_\_\_\_\_

P \_\_\_\_\_

O \_\_\_\_\_

Indicate the number of each type of atom in vitamin B-12.



C \_\_\_\_\_

H \_\_\_\_\_

Co \_\_\_\_\_

N \_\_\_\_\_

O \_\_\_\_\_

P \_\_\_\_\_

Write the formula for a compound that has 17 carbon atoms, 20 hydrogen atoms, 4 nitrogen atoms, and 6 oxygen atoms.

A \_\_\_\_\_ is a pure substance that can be broken into simpler substances by chemical means.