

HONORS CHEMISTRY
HOMEWORK 3e.

Name: _____

I. Find the percentage composition of each compound. SHOW ALL WORK.



II. A compound has the percentage composition shown. Find its empirical formula.

76.2% O

22.2% N

1.6% H

III. Another compound is 40.0% C, 53.3% O, and 6.7% H by mass.

Find its empirical formula.

If its molecular weight is close to 60, find its true molecular formula.

Can you think of an acidic compound with this formula?