

Name: \_\_\_\_\_

Class: \_\_\_\_\_

# Counting Atoms Worksheet

**How many total atoms are present in a molecule of glucose?**

A. 24

C. 18

B. 6

D. 12

**What is the total number of hydrogen atoms in 3 molecules of water?**

A. 3

C. 9

B. 6

D. 12

**If you have 5  $\text{NH}_4\text{NO}_3$  molecules, how many nitrogen atoms are present in total?**

A. 5

C. 15

B. 10

D. 20

**These compounds include polyatomic ions. Consider how subscripts outside parentheses multiply the atoms inside.**

1)  $\text{CaCl}_2$  (Calcium Chloride)

2)  $\text{Al}(\text{OH})_3$  (Aluminum Hydroxide)