

# Counting Atoms Worksheet

NAME: \_\_\_\_\_

WHAT IS THE TOTAL NUMBER OF ATOMS IN A MOLECULE OF SULFURIC ACID ( $\text{H}_2\text{SO}_4$ )?

HOW MANY CARBON ATOMS ARE THERE IN A GLUCOSE MOLECULE ( $\text{C}_6\text{H}_{12}\text{O}_6$ )?

IN A SAMPLE OF CALCIUM PHOSPHATE ( $\text{Ca}_3(\text{PO}_4)_2$ ), HOW MANY OXYGEN ATOMS ARE PRESENT?

CALCULATE THE TOTAL NUMBER OF ATOMS IN THREE MOLECULES OF WATER ( $\text{H}_2\text{O}$ ).

IF A COMPOUND CONTAINS 4 MOLECULES OF CARBON DIOXIDE ( $\text{CO}_2$ ), HOW MANY OXYGEN ATOMS ARE THERE IN TOTAL?