

Counting Atoms Worksheet

1 Calculate the total number of atoms in a molecule of Vitamin C

2 How many atoms are there in 2 molecules of sulfuric acid (H_2SO_4)?

3 Determine the number of oxygen atoms in 5 molecules of calcium phosphate.

4 Count the total atoms in one molecule of ATP (adenosine triphosphate), $\text{C}_{10}\text{H}_{16}\text{N}_5\text{O}_{13}\text{P}_3$.

5 If you have 3 molecules of cholesterol, how many carbon atoms are present?

6 Calculate the total number of atoms in 4 molecules of caffeine.

7 What is the number of hydrogen atoms in 2 molecules of acetic acid?
