



Ch – 3: Structure Of Matter

1. A scientist found that two samples of the same compound had the same elements combined in different ratios. Was the finding correct?
2. Most elements are found in the free state in nature. Do you agree? Give reasons.
3. For all elements, the smallest particle that can exist independently is an atom. Do you agree? Give reasons.
4. What is the difference between the symbol and the formula of oxygen?
5. Explain the differences between an element and a compound. Give examples.
6. Helium is the second most abundant element in the universe. However, there are no known compounds of helium. Why?