

Generated Question Paper

Question 1: What is the smallest unit of matter that still retains the properties of an element?

Question 2: Short Answer: What is the smallest unit of matter that still retains the properties of an element?

Question 3: What is the smallest unit of matter that still retains the properties of an element?

Question 4: What is the difference between an atom and a molecule? Provide an example of each.

Question 5: Short Answer: What is the difference between an element and a compound, giving one example of each?

Question 6: Short Answer: What is the difference between a molecule and a compound? Provide one example of each.

Question 7: Short Answer: What is the difference between a molecule and a compound, providing one example of each.

Question 8: Short Answer: What is the difference between an isomer and an allotrope, giving one example of each?

Question 9: Short Answer: Describe the difference between a polar and non-polar molecule, providing one example of each.

Question 10: Short Answer: Describe the difference between a molecule of oxygen (O₂) and a molecule of ozone (O₃), including their molecular structures and one significant property of each.