Generated Question Paper

1. Question 1: What is the smallest unit of matter that still retains the properties of an element?
2. Question 2: Short Answer: What is the smallest unit of matter that still retains the properties of an element?
3. Question 3: What is the smallest unit of matter that still retains the properties of an element?
4. Question 4: What is the difference between an atom and a molecule? Provide an example of each.
5. Question 5: Short Answer: What is the difference between an element and a compound, giving one example of each?
6. Question 6: Short Answer: What is the difference between a molecule and a compound? Provide one example of each.
7. Question 7: Short Answer: What is the difference between a molecule and a compound, providing one example of each.
8. Question 8: Short Answer: What is the difference between an isomer and an allotrope, giving one example of each?
9. Question 9: Short Answer: Describe the difference between a polar and non-polar molecule, providing one example of each.
10. 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.