Ch. 1 MATTER & CHANGE Part I

Chemistry:

Branches of Chemistry:

Matter: Mass: Volume:

1. What is the difference between an atom, element, and a compound?
2. Why are atoms, elements, and compounds all considered pure substances?
3. What is the difference between an extensive and intensive property? Give 3 examples of each.
4. What is the difference between a physical and chemical property?
5. What is the difference between a physical and chemical change? Give 5 examples of each.
6. How do you determine if it was a chemical or physical change?
7. What does the law of conservation of energy mean?