# Open Chemistry Online – Post Quiz #2 (OpenStax Ch. 2.1-2.3)

1. What are the three parts of an atom, and what are their properties?
2. Conservation of mass states that the total mass of the products are equal to the total mass of reactants. Is this always true or only sometimes?
3. If we have two atoms, they always pair in the same ratio. Is this true or false? Explain why or why not, supporting with an example?
4. In the Oil Drop experiment, it was shown that only specific amounts of charge were applied to an oil drop. Why is this so significant?