

Chemistry 120 Quiz 3

- True or False
 - The 'plum pudding' model is widely accepted as the correct subatomic structure. **False**
 - Neutrons are heavier than electrons and have a positive charge **False**
 - The law of conservation of mass states that matter can neither be created or destroyed in any chemical reaction **True**
 - Milk can be filtered to separate the various components of this mixture **True and False (since I did not state homogenized)**
 - The rows on the periodic table are called periods and the columns are called groups **True**
 - The atomic mass is represented by 'Z' **False**
 - If manganese has a charge of +3 the proton count is 27 and the electron count is 24 **False**
 - If barium has a +2 charge the proton count is 56 and the electron count is 54 **True**
 - If cadmium is neutral then it's neutron count is 48 **False**
 - The noble gases are very reactive **False**