

Physics 1214 - General Physics II

Quiz #31 - 2013.04.29

Name: _____

1. Why is the total mass of the nucleus of an atom less than the total mass of its constituent parts?
2. What do we call the force which holds protons and neutrons together in the nucleus of an atom?
3. What does an alpha particle consist of?
4. Which radioactive nucleus has the largest series of decays to a stable isotope?