

States of Matter Quiz

Adetoun Adeyemi

March 2016

1 Answers

1. A proton has no mass
2. size $<10^{-19}m$
3. electromagnetism, gravitation interaction, strong interaction and weak interaction
4. Fermions are constituents of matter whilst bosons are force carriers
5. Gluons
6. The bubble chamber is a vessel filled with a superheated transparent liquid used to detect electric particles moving through it
7. Leptons are elementary particles and they cannot be made up of something else
8. electron and Tau particle
9. Neutron and Proton
10. These are particles that allow other compatible particles to sense and react to each others presence