

Homework questions—Nuclear Chemistry I

Elementary particles and Forces of Nature

1. Describe the elementary particles that make up an antineutron. Write its symbol.
2. Describe the elementary particles that make up a hydrogen atom and an antihydrogen atom.
3. Using mesons and assuming that antiparticles of the same type annihilate, can you turn a proton into a neutron? A neutron into a proton? Write an equation and explain in words how it works.