

Unit 4 Lesson 30 Activity: Making Sense of Subatomic Particles

Complete the following table:

Subatomic Particle	Charge	Location	Mass	Helps Determine (atomic number, mass, charge, reactivity)
proton				
neutron				
electron				

Answer the following questions:

1. How do scientists know that quarks exist?
2. What charges do “up” and “down” quarks have, and how do they combine to form our buddies in the nucleus, the proton, and neutron?