

Processing Particles:

1. Which color bead represented the proton? The neutron?
Proton =
Neutron =
2. Give *two* ways that you are able to match the colored bead with the correct subatomic particles.
3. What does the small, inner plastic egg represent? Explain one way that you were able to figure this out.
4. Write the equation for determining the mass number of an atom.
5. Give two ways that the "atom in a bag" representation is not a true-to-life model.
6. Within a neutral atom (an atom with no charge), what is the relationship between protons and electrons?
7. Which subatomic particle determines the type of atom that you are looking at?