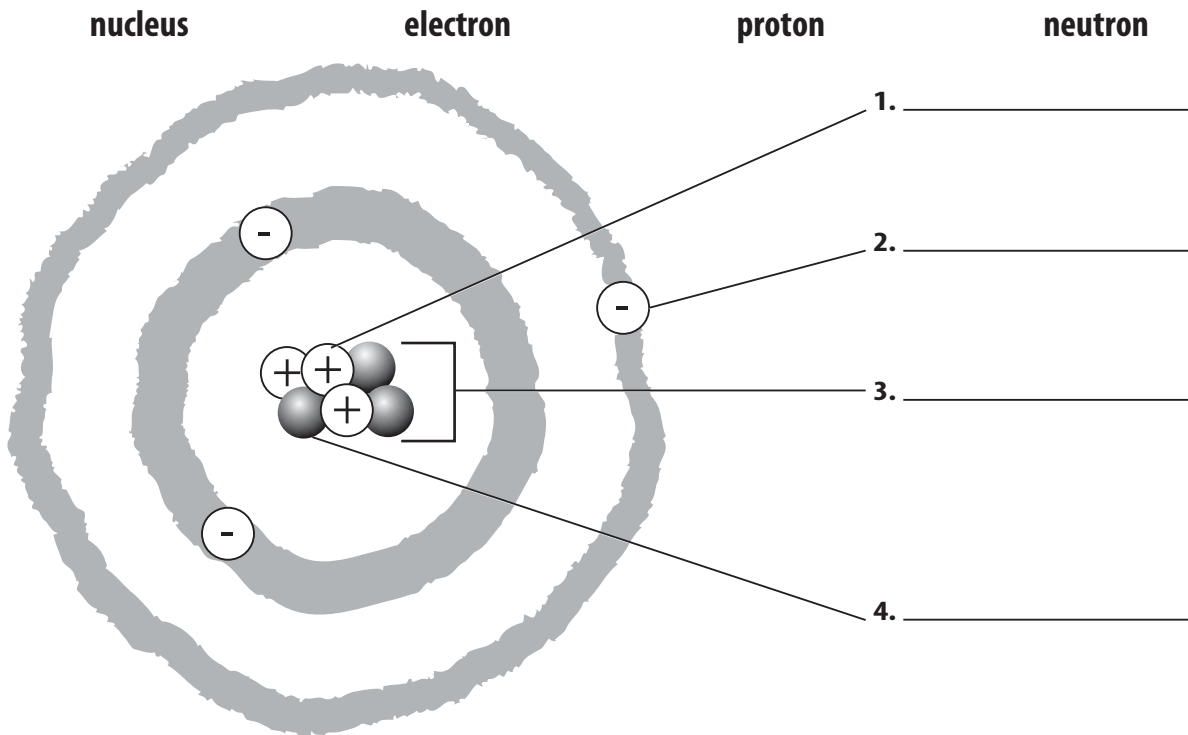




Directions: Study the following diagram. Then label the parts of the atom using the correct terms from the list.



Directions: Complete the following sentences using the terms listed below.

sub-atomic
neutral
nucleus
conservation
matter
atoms
proton
neutron
electron

5. A(n) _____ is a particle with a positive charge.
6. Most types of matter are made up of small particles called _____.
7. _____ is anything that has mass and takes up space.
8. A(n) _____ is a particle with no charge at all.
9. A(n) _____ is a particle with a negative charge.
10. The law of _____ of matter states that matter is neither created or destroyed—only changed in form.
11. Atoms are made up of _____ particles.
12. Matter that has an equal amount of positive and negative charge is said to be _____.
13. Most of the mass of an atom is concentrated in the _____.