

Intervention 8.1.1 Atoms & Molecules

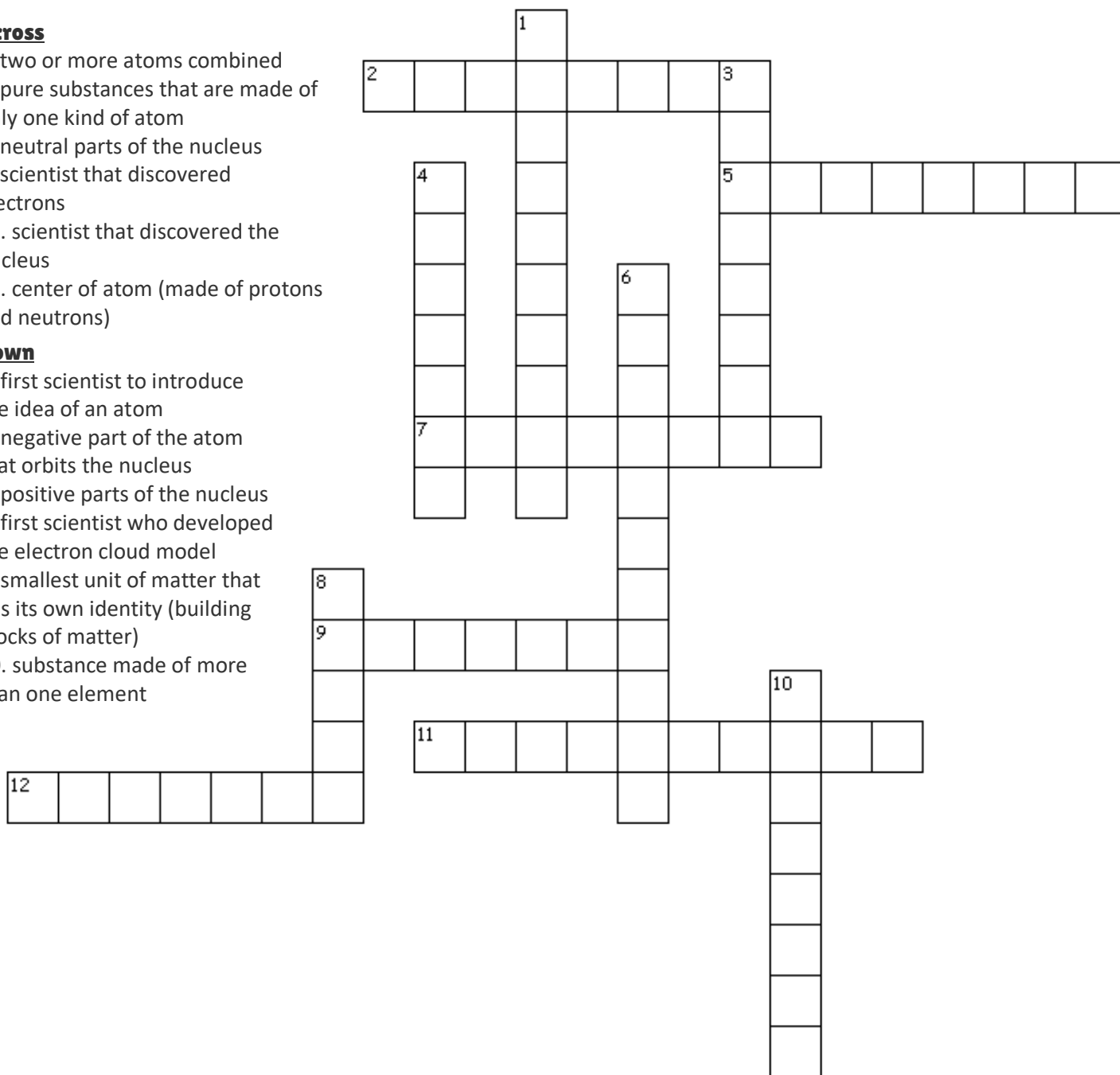
Use the clues about atoms and molecules below to fill in the crossword puzzle.

Across

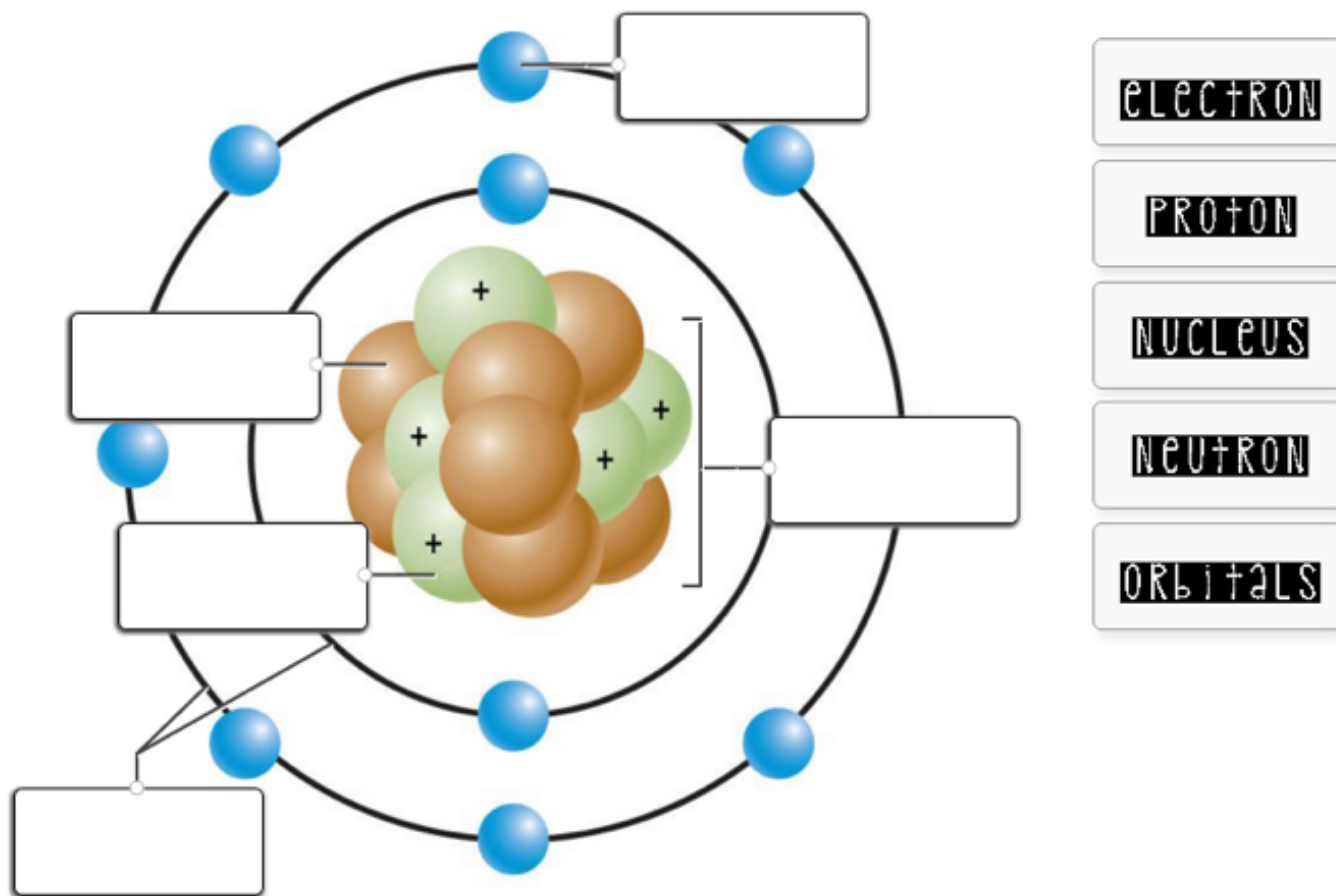
2. two or more atoms combined
5. pure substances that are made of only one kind of atom
7. neutral parts of the nucleus
9. scientist that discovered electrons
11. scientist that discovered the nucleus
12. center of atom (made of protons and neutrons)

Down

1. first scientist to introduce the idea of an atom
3. negative part of the atom that orbits the nucleus
4. positive parts of the nucleus
6. first scientist who developed the electron cloud model
8. smallest unit of matter that has its own identity (building blocks of matter)
10. substance made of more than one element



Fill in the diagram of an atom using the word bank provided.



Fill in the chart below with charge, mass and location of the parts of the atom.

Protons, Neutrons, and Electrons			
	Charge	Mass (amu)	Location
Proton			
Neutron			
Electron			