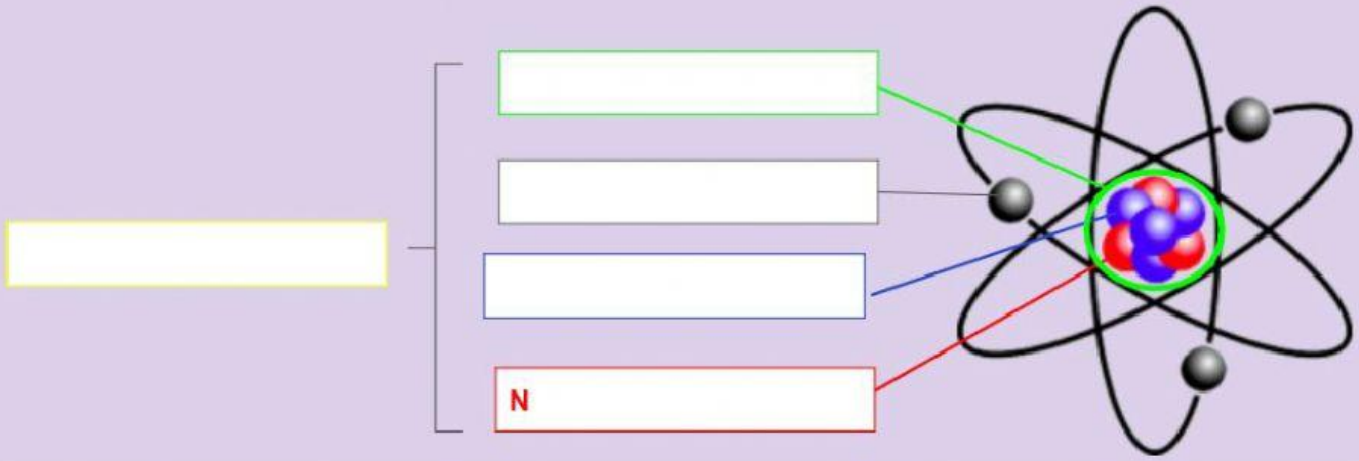
Complete the diagram with the information in the text.

Everything in nature is made of **atoms**. Each atom has a **nucleus** with **protons** and **neutrons**. **Electrons** orbit the nucleus. Protons have a positive charge that attracts electrons which have a negative charge. As a result, electrons orbit the nucleus because they are attracted to the protons. When the electrons move from the orbit of one atom to the orbit of another atom, **electric current** is produced.

AN ATOM



Complete the sentences.

1- A **proton** has a _____ charge.

2- A **neutron** has a _____ charge.

3- An **electron** has a _____ charge.

4- The **nucleus** of an atom will always have a _____ charge.

5- If an object gains more electrons than protons, its charge will become electrically _____ .

6- If an object loses more electrons than protons, its charge will become electrically _____ .

7- If an object has the same number of electrons as protons, its charge will become electrically _____ .

LIVEWORKSHEETS