Weekly Quiz

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_

Match the definition to the correct word:

1. \_\_\_\_ Atomic Mass

2. \_\_\_\_ Atomic Number

3. \_\_\_\_ Bohr

4. \_\_\_\_ Electron

5. \_\_\_\_ Neutron

6. \_\_\_\_ Proton

7. \_\_\_\_ Rutherford

A. Found in the nucleus, no charge, same mass as a proton

B. Found in the nucleus, positive charge

C. Stays in energy levels outside the nucleus, negatively charged, smaller mass than a proton

D. The number of protons in an atom. For a neutral atom also the number of electrons in an atom

E. Discovered the nucleus by shooting particles through gold foil.

F. The number of protons plus the number of neutrons

G. Wrote the shell theory of atomic structure, with electrons in set energy levels called orbits.

Complete the following table:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Element | Symbol | Atomic Nbr | Atomic Mass | Nbr of Protons | Nbr of Neutrons | Nbr of Electrons |
| Lithium |  |  |  |  |  |  |
|  | N |  |  |  |  |  |
|  |  | 14 |  |  |  |  |
|  |  |  |  | 18 |  |  |
|  |  |  |  |  |  | 13 |
|  |  |  |  |  | 2 |  |