

# Atoms


 BrainBuilder  
LA #5661


## Gathering

You have previously learned about atoms. Now it is time to learn how electrons, protons, and neutrons make up the structure of the atom. Take another look, a very close look.

**Directions:** Circle the word that correctly completes the sentence.

1. Electrons do not all orbit at the same level around the nucleus of an atom. They orbit in layers called \_\_\_\_\_.

**circles**
**ellipses**
**shells**
**patterns**

2. In the first level, closest to the nucleus, there can be only \_\_\_\_\_ electrons.

**2**
**4**
**6**
**8**

3. In the second level, there can be up to \_\_\_\_\_ electrons.

**2**
**4**
**6**
**8**

4. Other levels can hold more than eight electrons, but the outermost shell can hold only \_\_\_\_\_ electrons.

**4**
**6**
**8**
**10**

5. A \_\_\_\_\_ has the same number of protons and electrons.

**free neutron**
**balanced atom**
**unstable atom**
**balanced molecule**

6. Electrons are all negatively charged. Two negative charges will \_\_\_\_\_, or push away from each other.

**revolt**
**attract**
**resound**
**repel**

7. It is hard to draw an atom because they are \_\_\_\_\_. That means they have height, width, and depth.

**three-dimensional**
**two-dimensional**
**four-dimensional**
**one-dimensional**
