



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### Match each of the following terms to its definition:

Electron

Atom

Neutron

Nucleus

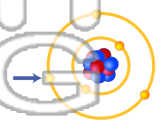
Atomic mass

Orbit

Isotope

Proton

1. \_\_\_\_\_ - a negatively charged particle without mass that is found just outside the nucleus of an atom



2. \_\_\_\_\_ - an atom with the same number of protons as another atom, but a different number of neutrons

3. \_\_\_\_\_ atom



4. \_\_\_\_\_ serves as

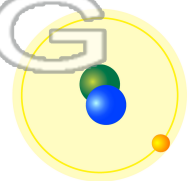
5. \_\_\_\_\_ an atom

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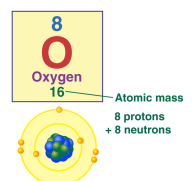
6. \_\_\_\_\_ - the path that an electron follows as it moves around the nucleus of an atom; the elliptical path of the planets and other celestial objects which revolve around the Sun



7. \_\_\_\_\_ - the basic building blocks of matter that make up all objects; the smallest particle or component of an element that still has the same properties of that element



8. \_\_\_\_\_ - the total number of protons and neutrons in an atom





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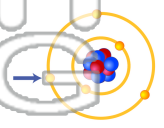
Atomic mass

Orbit

Isotope

Proton

1. **electron** - a negatively charged particle without mass that is found just outside the nucleus of an atom



2. **isotope** - an atom with the same number of protons as another atom, but a different number of neutrons

3. **neutr atom**



4. **nucle as the co**

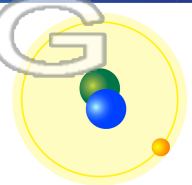
5. **proto atom**

**PREVIEW**  
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6. **orbit** - the path that an electron follows as it moves around the nucleus of an atom; the elliptical path of the planets and other celestial objects which revolve around the Sun



7. **atom** - the basic building blocks of matter that make up all objects; the smallest particle or component of an element that still has the same properties of that element



8. **atomic mass** - the total number of protons and neutrons in an atom

