

Name _____ Date _____

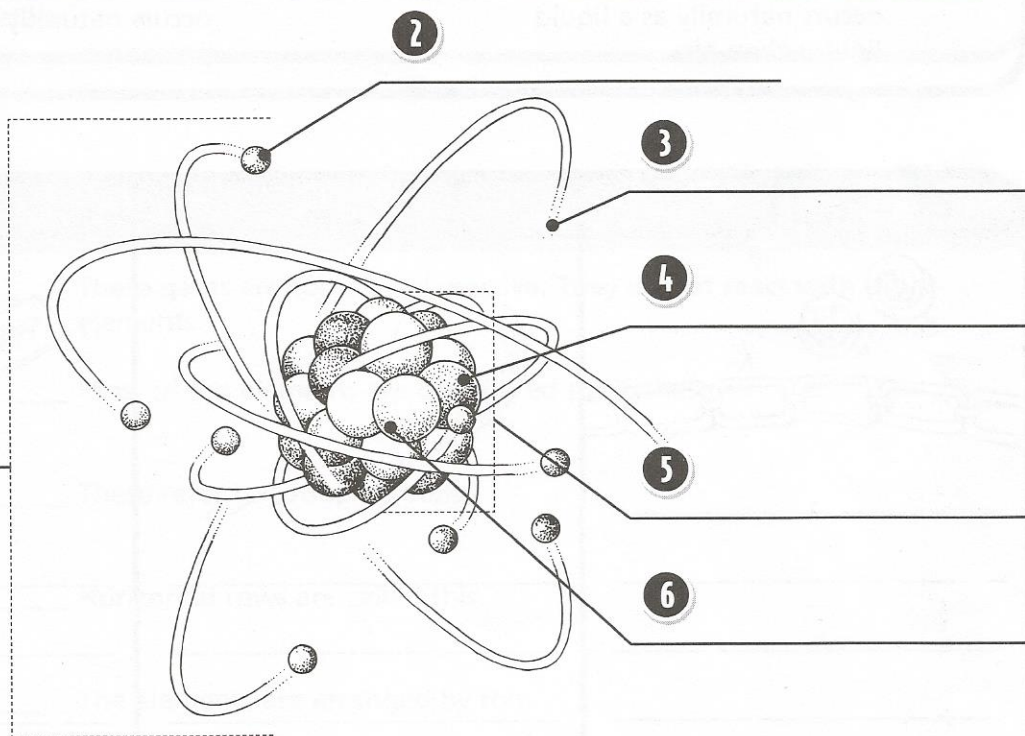
The Atom

Atoms are the tiny building blocks of matter. All the matter on Earth is made up of various combinations of atoms. Atoms are the smallest particles of an element that still exhibit all the characteristics of that element. Use the terms in the word box to label the diagram of an atom. Then match each term to its definition. Most terms are used twice.

electron
nucleus

electron orbit
proton

neutron
atom



1 _____ This small particle of an atom carries a negative charge.

8 _____ Made up of the protons and neutrons, this part of the atom contains nearly all the mass of the atom.

9 _____ This small particle of an atom carries a neutral charge.

10 _____ This refers to the travel of electrons around the nucleus of an atom.

11 _____ This is a building block of matter.

12 _____ This small particle of an atom carries a positive charge.