

Lesson 2 Protons, Neutrons, and Electrons—How Atoms Differ

Skim Lesson 2 in your book. Read the headings and look at the photos and illustrations. Identify three things you want to learn more about as you read the lesson. Record your ideas in your Science Journal.

Main Idea

The Parts of the Atom

I found this on page _____.

Different Elements— Different Numbers of Protons

I found this on page _____.

Neutrons and Isotopes

I found this on page _____.

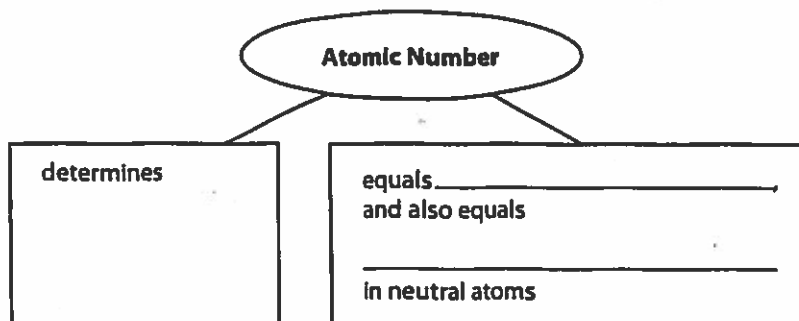
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Details

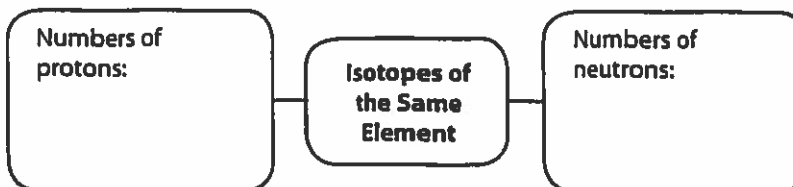
Distinguish parts of the atom.

Part	Electron	Proton	Neutron
Symbol			
Charge			
Location			
Relative Mass		1	

Relate details about atomic number.



Differentiate numbers of protons and neutrons in different isotopes of the same element.



Contrast the numbers of particles represented by an element's mass number and atomic number.

Atomic Number	Mass Number