Chapter 2 Active Reading Guide The Chemical Context of Life

This chapter covers the basics that you may have learned in your chemistry class. Whether your teacher goes over this chapter, or assigns it for you to review on your own, the questions that follow should help you focus on the most important points.

Section 1

Define and give an example of the following terms:

Term	Definition
matter:	All physical substances.
element:	Chemical substances that cannot be broken down
compound:	A mix of two or more elements.

- What four elements make up 96% of all living matter? Carbon, Oxygen, Hydrogen, and Nitrogen
- 3. What is the difference between an essential element and a trace element?

While essential elements are needed in large quantities for an organism to live a healthy life, trace elements are needed in very little amounts.

Section 2

 Sketch a model of an atom of helium, showing the electrons, protons, neutrons, and atomic nucleus.

=Proton

Neutron



What is the atomic number of helium? ____2 Its atomic mass? ____4

Biology Guide Chapter 45 Answers

RC Schank

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