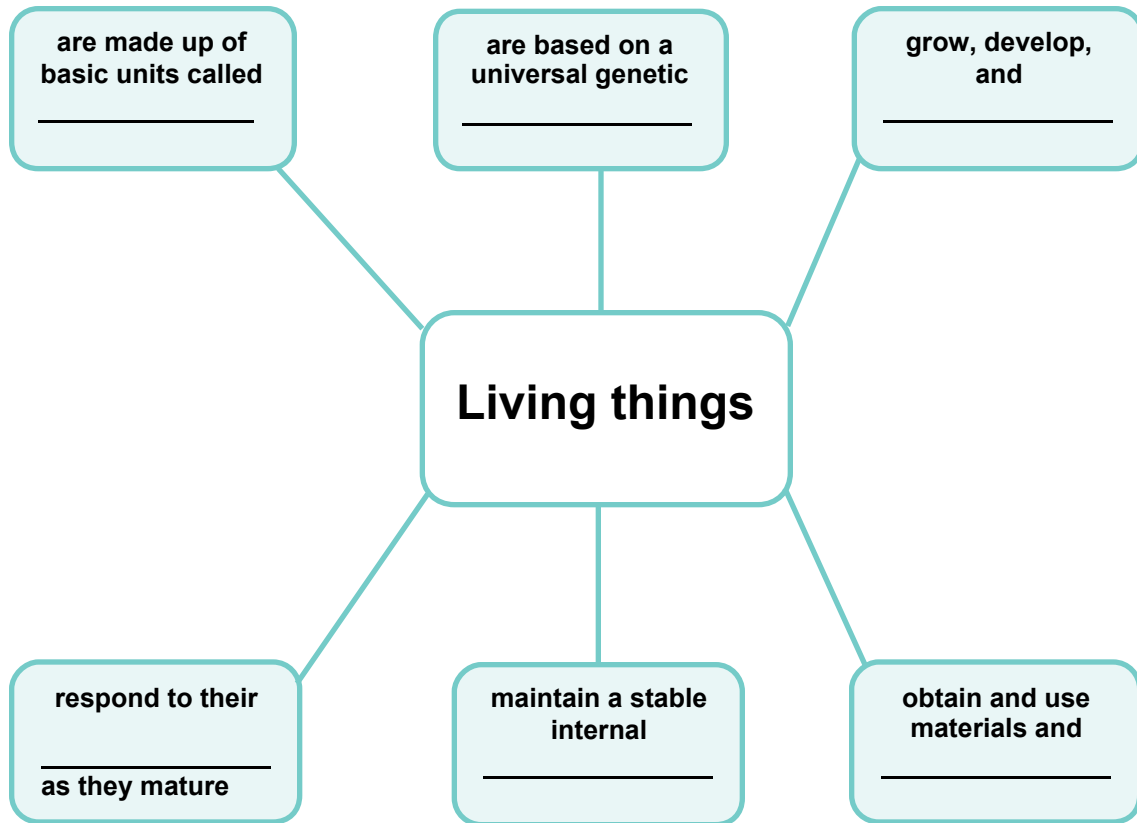


Chapter 1 Homework 3 (Pg. 17-25)

Name _____ Period _____ Score ____/11

Absent Date of Absence _____
Late

1. Complete the graphic organizer to show the characteristics living things share.



- The genetic molecule common to all living things is _____.
- The internal process of _____ enables living things to survive changing conditions.
- Living things are capable of responding to different types of _____.
- Living things have a long history of _____ change.
- The continuation of life depends on both _____ and _____.
- The combination of chemical reactions that make up an organism's _____ help to organize raw materials into living matter.

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8. Complete the table of Big Ideas in Biology. The first row is filled in for you.

Big Idea	Description
Cellular basis of life	Living things are made of cells.
Information and heredity	
	Life requires matter that provides raw materials, nutrients, and energy.
Growth, development, and reproduction	
	Living things maintain a relatively stable internal environment.
Evolution	
	Each major group of organisms has evolved structures that make particular functions possible.
	All living things are fundamentally similar at the molecular level.
	All forms of life on Earth are connected into a biosphere—a living planet.
Science as a way of knowing	

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9. Describe the system of measurement most scientists use when collecting data and doing experiments.

10. Why do scientists need a common system of measurement?

11. What is the most important safety rule for you to follow in the laboratory?
