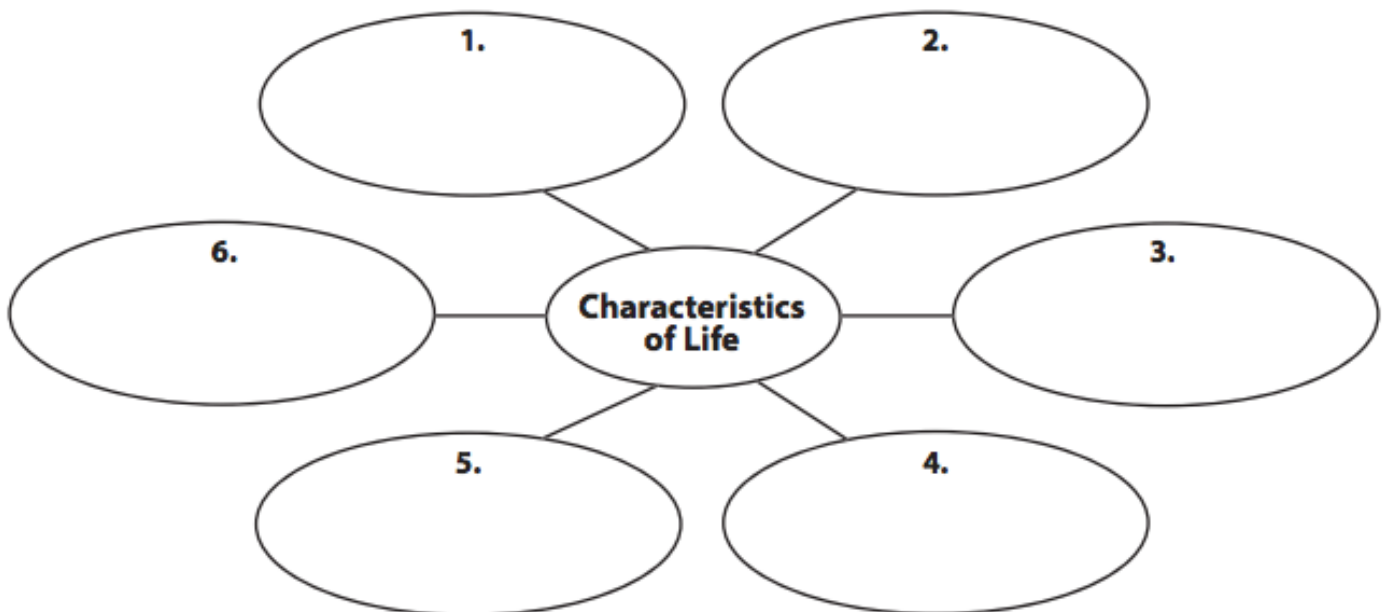


Name: _____

Period: _____

1.1 review: Characteristics of life

1. A(n) _____ is the smallest unit of life.
2. **Distinguish** between the organization of a unicellular and multicellular organism.
3. **Define** the term *homeostasis* in your own words.
4. Which is NOT a characteristic of all living things?
 - a. Breathing
 - b. Growing
 - c. Reproducing
 - d. Using energy
5. **Compare** the process of reproduction and growth.
6. **Choose** the characteristic of living things that you think is most important. Explain why you chose that characteristic.
7. **Critique** the following statement: A candle flame is a living flame.
8. **Fill in** the graphic organizer below to summarize the characteristics of living things:



9. **Describe** all the characteristics of life that are represented in the figure below.



10. **Hypothesize** what would happen if living things could not reproduce.

Identify the characteristic of life that is illustrated by each of the following statements. *NOTE: You may use terms other than the characteristics of life!*

1. _____ “That boy shot up five inches in only one year.”
2. _____ “Our cat had a litter of kittens yesterday.”
3. _____ “Eat a good breakfast and you will be able to run longer.”
4. _____ After not eating or fasting for 8 hours, your body normally has a blood sugar level less than 100 mg/dL.
5. _____ A giraffe uses its long neck to eat from the high branches of a tree.
6. _____ “When that car pulled in the driveway, my cat ran to hide under the porch.”
7. _____ “Single-celled organisms live in the pond behind school.”

Read the statements below and determine which are describing a stimulus and which are describing a response.

- a. the recess bell ringing in an elementary school _____
- b. your mouth watering at the sight of food on a plate _____
- c. a sudden drop in air temperature _____
- d. a flu virus entering your body _____
- e. getting “butterflies” in your stomach before giving a speech. _____

