Name	Date	Period
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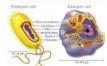
Biology Homework 1-2.1 Characteristics of Life

Use your **journal** as a reference tool in addition to the information provided below to answer the questions that follow.

In this course, we will focus on the seven characteristics that biologists use to define life. In order for something to be considered alive, it must meet all of the following characteristics. All living things -

- 1. are organized into one or more cells
- 2. respond to stimuli
- 3. reproduce and pass traits to offspring
- 4. grow
- 5. adapt and evolve
- 6. maintain homeostasis
- 7. obtain and use energy

Anything that exhibits all seven characteristics is referred to as an organism.















	fy the characteristic of life that applies to each of the following examples.
	A seedling becomes a tomato plant.
2.	When a mouse detects vibrations it runs
3.	You came from your parents.
4.	Elephants consume 330 pounds of food daily.
5.	Although many organisms are made up of many
	of these small units of life, bacteria are made of only one.
6.	An owl's night vision allows it to see the
	movement of mice even in the darkest night.
7.	Your body normally maintains a temperature of
	98.6 degrees Fahrenheit.
ga flie	A classmate tells you he that he read an article in Wikipedia that stated that rotting rbage can turn into maggots which are fly larvae. The maggots then can grow into adult is. What part of the cell theory could you use to refute his claim? Justify your swer.
an	swer.