

## #Jenny



Finally I get this ebook, thanks for all these I can get now!

## #Rio



Cool! I'am really happy

## #Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

## #Hun Tsu



wtf this great ebook for free?!

## #Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

## #Diego Butler



so many fake sites. this is the first one which worked! Many thanks

## Chapter 1 Assessment

- Checking Concepts**  
Choose the word or phrase that best answers the question.
1. What category of organisms can mate and produce fertile offspring?  
A) family C) genus  
B) class D) species
  2. What is the closest relative of *Canis lupus*?  
A) *Quercus alba* C) *His terps*  
B) *Equus zebra* D) *Canis familiaris*
  3. What is the source of energy for plants?  
A) the Sun C) water  
B) carbon dioxide D) oxygen
  4. What makes up more than 50 percent of all living things?  
A) oxygen C) minerals  
B) carbon dioxide D) water
  5. Who finally disproved the theory of spontaneous generation?  
A) Oparin C) Pasteur  
B) Aristotle D) Miller
  6. What gas do some scientists think was missing from Earth's early atmosphere?  
A) ammonia C) methane  
B) hydrogen D) oxygen
  7. What is the length of time an organism is expected to live?  
A) life span C) homeostasis  
B) stimulus D) theory
  8. What is the part of an experiment that can be changed called?  
A) conclusion C) control  
B) variable D) data
  9. What does the first word in a two-word name of an organism identify?  
A) kingdom C) phylum  
B) species D) genus
  10. What SI unit is used to measure the volume of liquids?  
A) meter C) gram  
B) liter D) degree
- Thinking Critically**
11. How does SI help scientists in different parts of the world?
  12. Using a bird as an example, explain how it has all the traits of living things.
  13. Explain what binomial nomenclature is and why it is important.
  14. Explain how the experiment of 1668 correctly used scientific methods to test the theory of spontaneous generation.
  15. What does Lanthano admit, the name for a sweet pea, tell you about one of its characteristics?
- Developing Skills**
16. **Identifying and Manipulating Variables and Controls** Design an experiment to test the effects of fertilizer on growing plants. Identify scientific methods used in your experiment.
  17. **Forming Hypotheses** A lima bean plant is placed under a green light, another is placed under a red light, and a third under a blue light. Their growth is measured for four weeks to determine which light is best for plant growth. What are the variables in this experiment? State a hypothesis for this experiment.
  18. **Comparing and Contrasting** What characteristics do an icicle and a plant share? How can you tell that the plant is a living thing and the icicle is not?

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