

Biology Chapter 1 Review

Name: _____

1. Define the following vocabulary words:

Biosphere
Biodiversity
Species
Biology
Organism
Cell
Metabolism
Ecosystem
Homeostasis
Evolution
Adaptation

2. Determine if the statements below are TRUE or FALSE.

- a. The biosphere contains a large amount of biodiversity. _____
- b. An organism is a group of living things that interbreed. _____
- c. A cell in a multicellular organism can be specialized. _____
- d. Every living thing can move freely. _____
- e. A pond is an example of an ecosystem, as is a desert. _____
- f. Keeping a constant body temperature is an example of homeostasis. _____
- g. All living things can adapt in one way or another. _____
- h. A hypothesis can be a qualitative or quantitative observation. _____

Biology Chapter 1 Review

Name: _____

3. Describe the purpose of the part of the microscope listed below.

a. Objective Lens
b. Base
c. Fine Adjustment Knob
d. Eyepiece
e. Light Source
f. Diaphragm
g. Stage
h. Course Adjustment Knob

4. Define the following vocabulary terms:

Data
Hypothesis
Experiment
Independent variable
Dependent variable
Constant
Theory
Microscope
Biotechnology