

NAME \_\_\_\_\_ DATE \_\_\_\_\_ PERIOD \_\_\_\_\_

## CHARACTERISTICS OF LIVING THINGS

**MULTIPLE CHOICE:** Circle the letter for ALL the answers that are TRUE.  
THERE MAY BE MORE THAN ONE CORRECT ANSWER.

Organisms that CAN'T photosynthesize and must get their energy by eating other organisms are called \_\_\_\_\_.

- A. mutants
- B. unicellular
- C. autotrophs
- D. heterotrophs
- E. homeostatic

\_\_\_\_\_ reproduction produces offspring by combining the genetic information from 2 parents.

- A. ASEXUAL
- B. SEXUAL

An organism like an green plant that can make its own food is called a(n) \_\_\_\_\_.

- A. autotroph
- B. heterotroph

The development of an embryonic stem cell into a nerve, muscle, skin, or blood cell is called \_\_\_\_\_.

- A. homeostasis
- B. metabolism
- C. differentiation
- D. evolution
- E. stimulus

Humans are \_\_\_\_\_.

- A. multicellular
- B. unicellular
- C. heterotrophs
- D. autotrophs

Growing a new plant by breaking off a piece of an existing plant and sprouting it, is an example of \_\_\_\_\_ reproduction.

- A. sexual
- B. asexual

Shivering when you get too cold is an example of which two concepts you learned about?

CIRCLE TWO (2)

- A. evolution
- B. metabolism
- C. homeostasis
- D. differentiation
- E. stimulus-response

\* \* \* \* \*

MATCH THE VOCAB WORD FROM THE WORD BANK WITH ITS DEFINITION:

BIOLOGY	HOMEOSTASIS	ORGANISM	STIMULUS
METABOLISM	DIFFERENTIATION	EVOLUTION	

A signal to which an organism responds \_\_\_\_\_

Another name for a living thing is \_\_\_\_\_

The "science of life" that studies all living things is called \_\_\_\_\_

The process by which organisms as a group change over time; Process by which modern organisms have descended from ancient organisms \_\_\_\_\_

The process in which cells change as they grow and develop to become specialized with different functions \_\_\_\_\_

A set of chemical reactions through which an organism builds up or breaks down materials as it carries out its life processes  
\_\_\_\_\_

Process by which organisms maintain a relatively stable internal environment  
\_\_\_\_\_

LIST 8 CHARACTERISTICS of LIVING THINGS:

---

---

---

---

---

---

---

---

---

---

\* \* \* \* \*

Match the term to its meaning.

- |                      |  |
|----------------------|--|
| _____1. Metabolism   | A. Passing of characteristics from parent to offspring |
| _____2. Reproduction | B. Shivering in response to the cold                   |
| _____3. Inheritance  | C. When a cell adds structure to itself                |
| _____4. Growth       | D. Organisms producing more of its own kind            |
| _____5. Homeostasis  | E. Involves using energy within a cell                 |

\* \* \* \* \*

Choose something that is nonliving and name as many characteristics as you can that this nonliving object shares with living things.

Nonliving Object \_\_\_\_\_

"Living" Characteristics:

---

---