Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**I CAN** explain how living things are classified based on their physical and inherited characteristics.

List the seven levels of classification in order.

Describe the science that Carolus Linnaeus is recognized for.

Interpret a branching evolutionary diagram.

Interpret a dichotomous key to identify a species.

Write Scientific Names correctly and identify the classification level

of each of the two scientific names.

Date \_\_\_\_\_\_\_\_\_\_ Period \_\_

**Video Fill in Classifying Life DX0285**

Fill in the correct word to complete the sentence. Good luck and let us get started.

1. \_\_\_\_\_\_\_\_ is the process of grouping things based on shared ancestry.

2. Scientists classify living things so they can be easier to \_\_\_\_\_\_\_\_.

3. Carolus \_\_\_\_\_\_\_\_ is the developer of the modern classification system.

4. The classification system consists of several groups called \_\_\_\_\_\_\_\_.

5. \_\_\_\_\_\_\_\_ nomenclature is the naming system in which an organism has two

names.

6. Acer saccharum is this tree’s \_\_\_\_\_\_\_\_ name.

7. The theory of \_\_\_\_\_\_\_\_ serves as the basis for modern taxonomy.

8. Classification is often based on the \_\_\_\_\_\_\_\_ appearance of an organism.

9. Organisms that evolved from a common \_\_\_\_\_\_\_\_ are grouped together.

10. There are a total of \_\_\_\_\_\_\_\_ categories in the modern classification system.

**Video Quiz: Classification L1123602**

1. When classified, all living things have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. The cougar and puma have different scientific names and regional names.

True or False

3. The man who came up with the system of classification that we use today is:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4. Classification is the grouping together of living things based on:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5. The first system of classification put all living things into two groups:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

6. The language used to name plants and animals is:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

7. Classification helps compare new species to already known species.

True or False

8. Aristotle classified animals into two groups:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

9. Classification is the science of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

10. Which part of an organism’s name is written with a capital letter?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_