

Name: _____

Classification Review Worksheet

Mrs. Olmo

Part A. Multiple Choice

1. According to the diagram, gorillas **diverged** from the common ancestor:
 - a. 7 million years ago.
 - b. more than 10 million years ago.
 - c. about the same time as orangutans.
 - d. after the chimpanzee.
2. What might biologists use to determine how to **classify** organisms?
 - a. Structure of body parts
 - b. Biochemistry
 - c. Common ancestors
 - d. All of these are correct
3. The organism *Felis concolor* is a member of the **genus**:
 - a. Animalia.
 - b. Concolor.
 - c. Felis.
 - d. Mammalia
4. Poison ivy is also known as *Rhus toxicodendron*. Its **species** name is:
 - a. Rhus.
 - b. Toxicodendron.
 - c. Ivy.
 - d. Poison.
5. The science of **classifying** organisms based on their similarities is called:
 - a. biology.
 - b. zoology.
 - c. taxonomy.
 - d. anthropology.
6. Most animals that breed and produce fertile offspring are considered to be members of the **same**:
 - a. species.
 - b. genus.
 - c. class.
 - d. family.
7. All **bacteria** are:
 - a. prokaryotes.
 - b. unicellular.
 - c. either Eubacteria or Archaeobacteria.
 - d. all of the above are true.
8. List the **6 kingdoms** that scientists use to classify living things:
A. _____ B. _____ C. _____
D. _____ E. _____ F. _____
9. Which **kingdom** would contain:
 - a. Prokaryotes that love extreme conditions: _____
 - b. Multicellular eukaryotes that are autotrophs: _____
 - c. Multicellular eukaryotes that cannot make own food: _____
 - d. Mushrooms and molds: _____
 - e. Multicellular eukaryotes that don't fit anywhere else: _____
 - f. Common household bacteria: _____
 - g. Insects, primates, and reptiles: _____