

**Pre-Test: Classification of Living Things**

Name: _____

Date: _____

Class: _____

This test is to see what you already know about classification.

It will also allow you to see what topics you will be learning about in this next unit.

Circle the correct answer:

- Grouping objects together is known as
 - biodiversity
 - classification
 - taxonomy
- The branch of biology that focuses on classifying organisms is known as
 - classification
 - taxonomy
 - ecology
- Binomial nomenclature is used by scientist to _____ species.
 - study
 - dissect
 - name
- The first accepted method of classification was developed by
 - Mendel
 - Linnaeus
 - Aristotle
- Species is defined as a group of organisms that
 - look alike
 - behave the same
 - can interbreed
- A group of similar species fall into which category?
 - kingdom
 - genus
 - family

Answer the following questions to the best of your abilities.

- Arrange the following in taxa in order from largest to smallest.
Kingdom, Species, Phyla, Genus, Class, Order, and Family
- How many kingdoms are there? Name as many as you can.

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Circle the correct answer:

1. Grouping objects together is known as

- b) biodiversity
- b) classification**
- c) taxonomy

2. The branch of biology that focuses on classifying organisms is known as

- b) classification
- b) taxonomy**
- c) ecology

3. Binomial nomenclature is used by scientist to _____ species.

- b) study b) dissect
- c) name**

4. The first accepted method of classification was developed by

- b) Mendel b) Linnaeus
- c) Aristotle**

5. Species is defined as a group of organisms that

- b) look alike b) behave the same
- c) can interbreed**

6. A group of similar species fall into which category?

- b) kingdom
- b) genus**
- c) family

Answer the following questions to the best of your abilities.

7. Arrange the following in taxa in order from largest to smallest.

Kingdom, Species, Phyla, Genus, Class, Order, and Family

Kingdom, Phyla, Class, Order, Family, Genus, and Species

8. How many kingdoms are there? Name as many as you can.

6 Kingdoms: Archaeobacteria, Bacteria, Protista, Fungi, Plantae, Animalia