

Classification and Kingdoms Quiz!

Sheets to study from:

- Notes on Classification
- Notes on Kingdoms (the chart)
- Top 10 newly discovered species (article)
- -"Practice with Classification and Kingdoms" sheet
- -Textbook homework for 9-1 and 9-2

Concepts and Vocabulary You Need to Know!

1. Define the following words:

- Prokaryotes: _____
- Eukaryotes: _____
- Multicellular: _____
- Unicellular: _____

2. _____ is the broadest classification that has many different types of organisms, while _____ is the narrowest classification with only one type of organism.

3. List the 8 LEVELS used to classify organisms. Start from the **broadest** to the most **specific**.

4. a. Aristotle developed the earliest classification system. How did he divide the animals? (You can draw a diagram or write a sentence to describe it)

b. Why was Aristotle's classification system not the best to use?

5. How do scientists put together the scientific names given to organisms? For instance, the scientific name for a human is *Homo sapiens*.

6. List the 6 kingdoms used to classify organisms:

7. *Danaus plexippus* is the scientific name for the Monarch Butterfly.

- What is the genus of the Monarch Butterfly? _____
- What is the species? _____

8. Complete the Six Kingdoms: Complete the chart by using a "Y" to indicate that it is true and an "N" to indicate that the description does not apply. (The first two are done for you). *Know this chart for the QUIZ!*

	Unicellular	Multicellular	No Nucleus	Nucleus	Makes it from the sun	Eat it!
Bacteria	Y	N				
Archaeobacteria						
Protista						
Fungi						
Plantae						
Animalia						

9. Label the following organisms as **Bacteria**, **Archaeobacteria**, **Protista**, **Fungi**, **Plantae**, **Animalia**.



a. _____



b. _____

anabaena



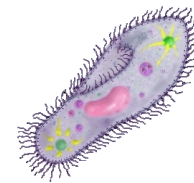
c. _____



d. _____



e. _____



has a nucleus

f. _____

10. A 7th grader was walking in the woods and came across a multicellular eukaryote that makes food using sun's energy. What did the 7th grader find?

11. The same 7th grader was using a microscope and found a unicellular prokaryote that makes methane after eating food from sewage. What did the 7th grader find?
