| What did Carolus Linnaeus develop? |
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| 2. What is taxonomy? |
| 3. What is a taxon? Give an example. |
| 4. What is binomial nomenclature? |
| 6. Scientific names are made of the and |
| 7. What language are scientific names written in? |
| 8. Why are scientific names used instead of common names? |
| 9. Which of the following scientific names is written correctly? |
| a. Tyto alba b. tyto alba c. <i>Tyto alba</i> d. <i>Tyto Alba</i> |
| 10. Linnean classification system has levels. |
| 11. The levels of the classification system are: (from broadest to most specific) |
| 12. Define species and give an example. |
| 13. What are the limitations using the Linnean classification system? |
| What type of characteristics did he use to classify organisms? |
| What type of characteristics did he NOT use to classify organisms but are considered the most accurate and used today? |
| 14. What is a dichotomous key? |
| 15. What are you finding when you use a dichotomous key? |
| 16. What is cladistics? |
| 17. What are cladograms? |
| 18. What is a clade on a cladogram and where are clades found? |

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| 19. What is a derived character on a cladogram and where are they found? |
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| 20. What is an outgroup on a cladogram? |
| 21. What is a better way to tell if organisms are related rather than physical similarities? |
| 22. What are the 3 Domains? |
| 23. List the 6 kingdoms? |
| 24. What scientist studied the rRNA of bacteria? |
| 25. List the kingdom that includes organisms that can be unicellular, colonial, or multicellular. |
| 26. List the kingdom that is the most diverse. |
| 27. List the kingdom that includes organisms with cell walls made of chitin. |
| 28. What are all the kingdoms found in domain Eukarya? |
| 29. List the kingdom that includes single-celled eukaryotic organisms. |
| 30. List the kingdom that includes organisms that have eukaryotic cells that have a cell wall made of cellulose. |
| 31. List the kingdom that includes organisms that move using a pseudopod. |
| 32. List the kingdoms that include organisms with prokaryotic cells. |
| 33. List the kingdom that includes organisms that are heterotrophic decomposers. |
| 34. List the kingdom that includes organisms that are autotrophs that perform photosynthesis to get nutrients. |
| 35. List the kingdom that includes organisms with cell walls made of peptidoglycan. |
| 36. List the kingdom that includes organisms that can move freely from place to place. |
| 37. List the kingdom that includes organisms that are capable of living in extreme environments. |
| 38. What Domain and Kingdom are humans classified in? |
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