

Name: _____

Date: _____



GENIUSCHALLENGE

CLASSIFICATION OF LIVING THINGS

1. What is the science of naming and classifying things? _____
2. A _____ key is used to determine the identity of an organism.
3. _____ is the broadest level of classification and _____ is the most specific.
4. Why does taxonomy use the Latin language? _____

5. Humans are classified in the Kingdom Animalia, the Phylum Chordata, the Class _____, the Order Primates, and the Family Hominidae.
6. What does an organism's scientific name consist of? Why are scientific names useful? _____

7. Which organisms would be more closely related—organisms in the same kingdom or organisms in the same phylum? Why? _____
8. In addition to observable traits, scientists use _____ to classify living things.
9. Scientists have used the eight levels of classification for more than 200 years. When might the system be updated? _____

10. It's estimated that more than 2/3 of all classified organisms are insects. A(n) _____ is a scientist who specializes in studying insects.