

Understanding Scientific Animal Names

Biology · Answer Key · 20 Questions

1. What is the system used to give animals unique two-part scientific names?

- A) Trinomial Nomenclature
- B) Binomial Nomenclature**
- C) Scientific Classification
- D) Common Naming

2. The first part of an animal's scientific name refers to its:

- A) Species
- B) Family
- C) Genus**
- D) Order

3. The second part of an animal's scientific name refers to its:

- A) Genus
- B) Species**
- C) Family
- D) Phylum

4. Who is credited with developing the system of binomial nomenclature?

- A) Charles Darwin
- B) Gregor Mendel
- C) Carl Linnaeus**
- D) Aristotle

5. What is the primary benefit of using scientific names for animals?

- A) They are easier for everyone to remember
- B) They avoid confusion with common names**
- C) They indicate the animal's diet
- D) They are always shorter than common names

6. Scientific names are typically written in which language?

- A) English
- B) Latin**
- C) Greek
- D) French

7. In binomial nomenclature, the genus name is always capitalized.

- A) True**
- B) False

8. In binomial nomenclature, the species name is always capitalized.

- A) True
- B) False**

9. A group of closely related species that share common characteristics is called a:

- A) Kingdom
- B) Phylum
- C) Genus**
- D) Class

10. The scientific name for the domestic cat is *Felis catus*. What is the genus?

- A) *catus*
- B) *Felis***
- C) Domestic
- D) Cat

11. The scientific name for the domestic dog is *Canis lupus familiaris*. What is the species?

- A) *Canis*
- B) *lupus***
- C) *familiaris*
- D) Dog

12. Why is it important to have a universal scientific naming system?

- A) To make it harder to identify animals
- B) To ensure consistent communication among scientists worldwide**
- C) To allow for more common names
- D) To focus only on mammals

13. What does 'binomial' mean in binomial nomenclature?

- A) Two names**
- B) Three names
- C) One name
- D) Many names

14. If two animals have the same genus name, they are likely:

- A) Completely unrelated
- B) Closely related**
- C) From different continents
- D) Identical

15. Common names for animals can sometimes be misleading or applied to multiple species.

- A) True**
- B) False

16. The scientific name for a lion is *Panthera leo*. The scientific name for a tiger is *Panthera tigris*. What do they share?

- A) The same species
- B) A common ancestor
- C) The same genus**
- D) Different families

17. Which of these is NOT a part of binomial nomenclature?

- A) Genus name
- B) Species name
- C) Common name**
- D) Capitalization rules

18. The scientific name for humans is *Homo sapiens*. What is the species name?

- A) Homo
- B) sapiens**
- C) Human
- D) Sapiens

19. Scientific names help scientists to:

- A) Create new common names
- B) Organize and classify organisms**
- C) Avoid using Latin
- D) Predict animal behavior

20. If an animal's scientific name changes, it means:

- A) The animal has evolved significantly
- B) Scientists have reclassified it based on new evidence**
- C) It is no longer a valid scientific name
- D) It has been given a common name